Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011022AL\
Data File : FE034715.D
Signal(s) : FID1B.CH
Acq On : 10 Jan 2022 18:43
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
Quant Time: Jan 11 01:24:03 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
Quant Title : GC Extractables
QLast Update : Fri Jan 07 12:52:40 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.089	2642707	19.103 ug/ml
Spiked Amount	50.000		Recovery =	38.21%
12) S	1-chlorooctadecane (S...	12.521	2027754	19.259 ug/ml
Spiked Amount	50.000		Recovery =	38.52%
	Target Compounds			
1) T	n-Nonane (C9)	2.928	2393198	20.526 ug/ml
2) T	n-Decane (C10)	3.959	2449827	20.720 ug/ml
3) T	A~Naphthalene (C11.7)	5.524	2720481	20.619 ug/ml
4) T	n-Dodecane (C12)	5.957	2458901	20.656 ug/ml
5) T	A~2-methylnaphthalene...	6.572	2738528	20.562 ug/ml
6) T	n-Tetradecane (C14)	7.745	2490848	20.517 ug/ml
7) T	n-Hexadecane (C16)	9.340	2467173	20.255 ug/ml
8) T	n-Octadecane (C18)	10.777	2469873	19.808 ug/ml
10) T	n-Eicosane (C20)	12.080	2382212	19.316 ug/ml
11) T	n-Heneicosane (C21)	12.691	2365525	19.005 ug/ml
13) T	n-Docosane (C22)	13.274	2308474	18.724 ug/ml
14) T	n-Tetracosane (C24)	14.373	2237651	18.184 ug/ml
15) T	n-Hexacosane (C26)	15.390	2138967	17.951 ug/ml
16) T	n-Octacosane (C28)	16.336	2087675	18.057 ug/ml
17) T	n-Tricontane (C30)	17.222	2074588	19.005 ug/ml
18) T	n-Dotriacontane (C32)	18.051	1934272	20.175 ug/ml
19) T	n-Tetratriacontane (C34)	18.831	1723222	20.780 ug/ml
20) T	n-Hexatriacontane (C36)	19.568	1453119	21.279 ug/mlm
21) T	n-Octatriacontane (C38)	20.277	1250515	21.695 ug/ml
22) T	n-Tetracontane (C40)	21.118	1157610	23.154 ug/ml

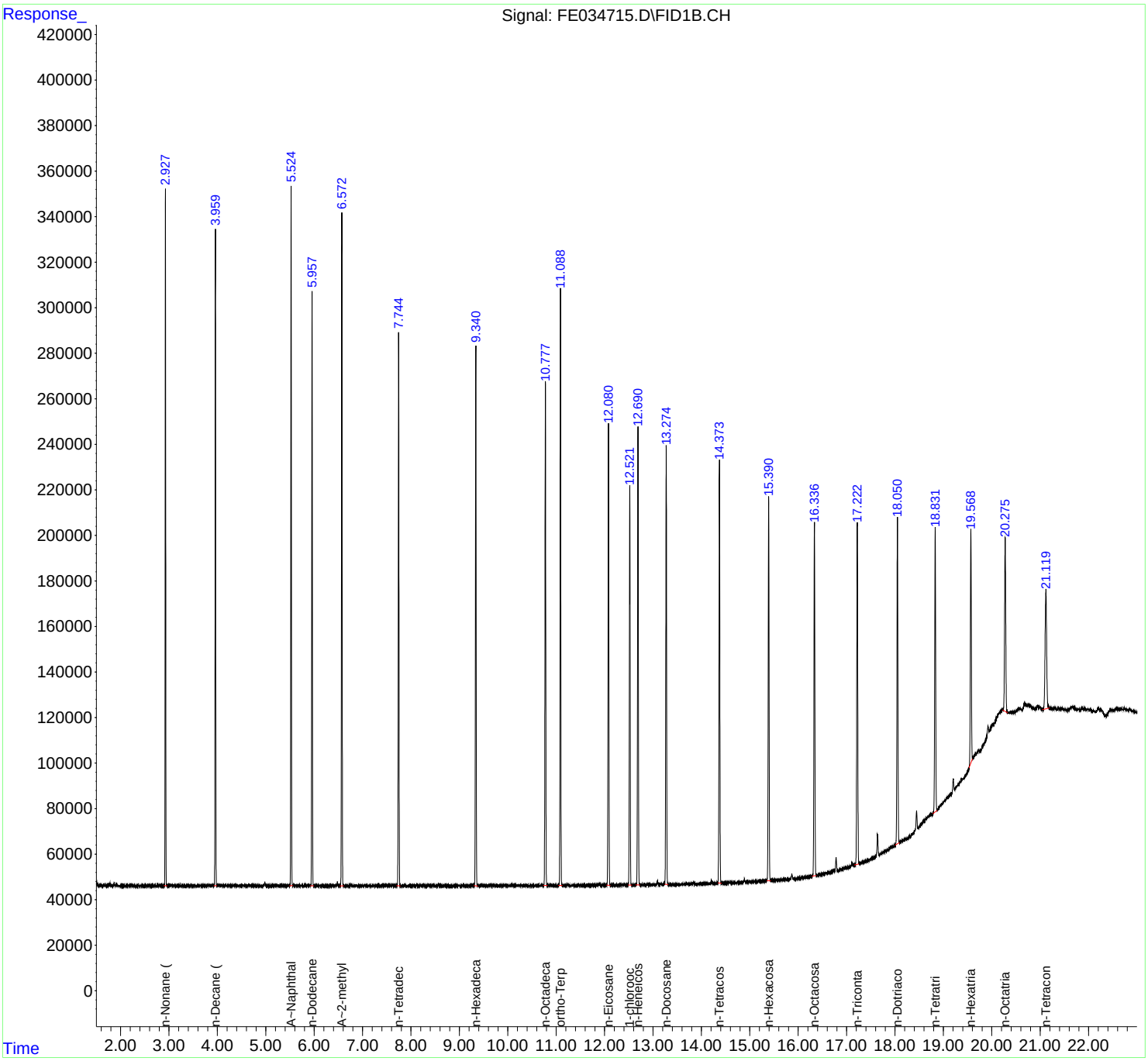
(f)=RT Delta > 1/2 Window (m)=manual int.

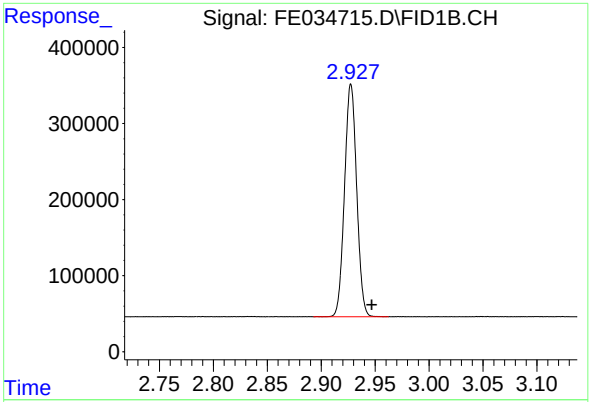
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011022AL\
Data File : FE034715.D
Signal(s) : FID1B.CH
Acq On : 10 Jan 2022 18:43
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
Quant Time: Jan 11 01:24:03 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
Quant Title : GC Extractables
QLast Update : Fri Jan 07 12:52:40 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

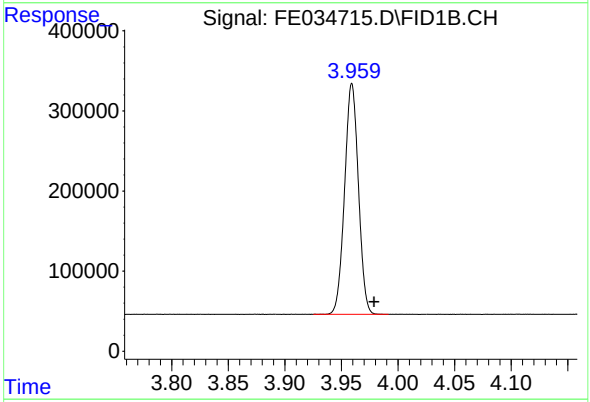
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





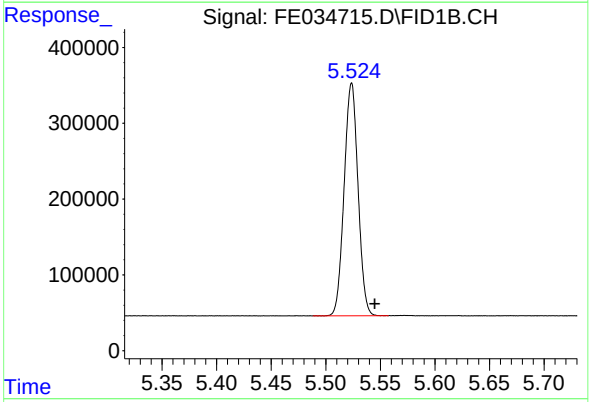
#1 n-Nonane (C9)

R.T.: 2.928 min
Delta R.T.: -0.019 min
Response: 2393198
Conc: 20.53 ug/ml



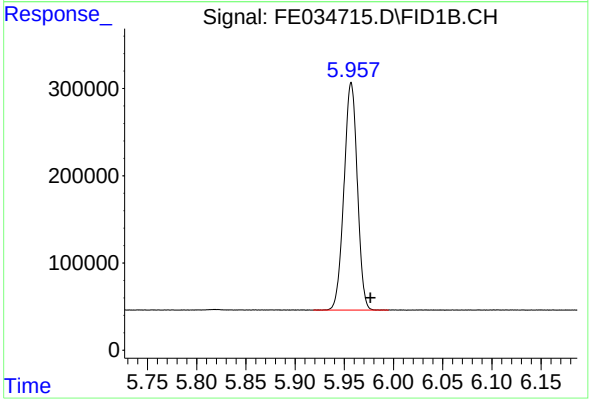
#2 n-Decane (C10)

R.T.: 3.959 min
Delta R.T.: -0.020 min
Response: 2449827
Conc: 20.72 ug/ml



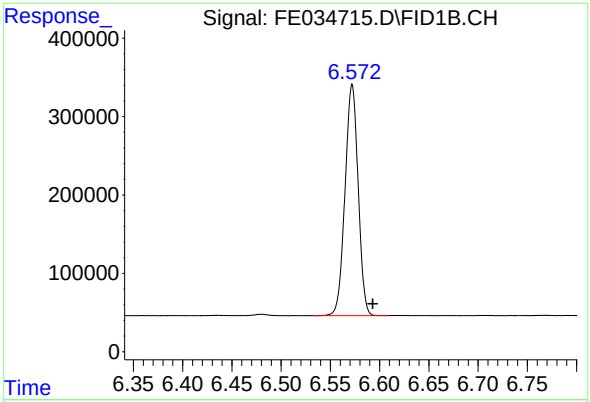
#3 A~Naphthalene (C11.7)

R.T.: 5.524 min
Delta R.T.: -0.021 min
Response: 2720481
Conc: 20.62 ug/ml



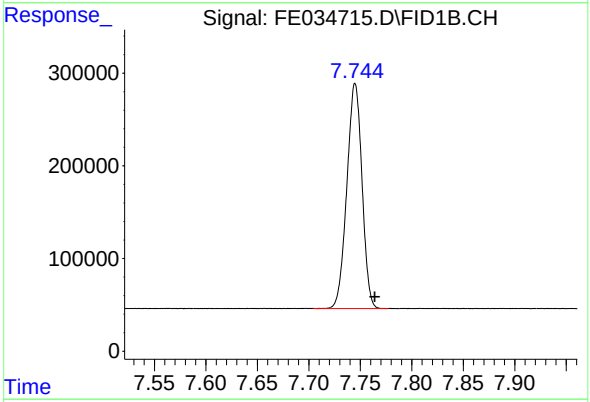
#4 n-Dodecane (C12)

R.T.: 5.957 min
Delta R.T.: -0.019 min
Response: 2458901
Conc: 20.66 ug/ml



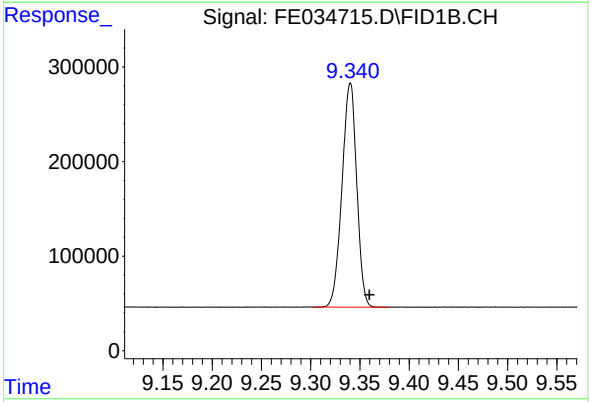
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.572 min
Delta R.T.: -0.021 min
Response: 2738528
Conc: 20.56 ug/ml



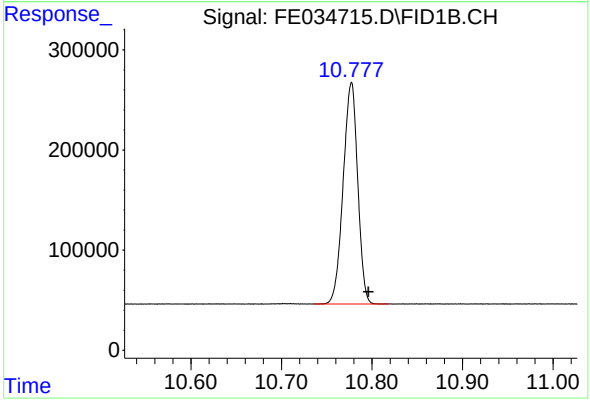
#6 n-Tetradecane (C14)

R.T.: 7.745 min
Delta R.T.: -0.019 min
Response: 2490848
Conc: 20.52 ug/ml



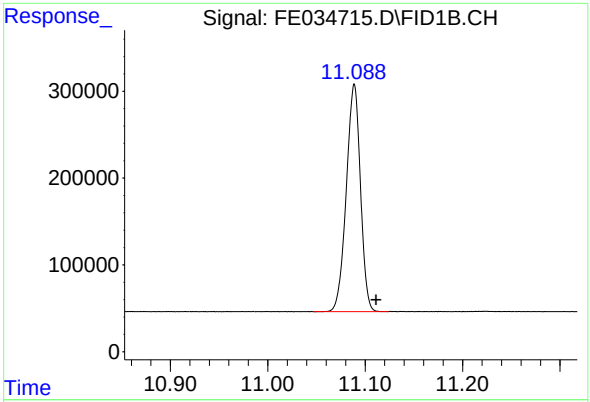
#7 n-Hexadecane (C16)

R.T.: 9.340 min
Delta R.T.: -0.019 min
Response: 2467173
Conc: 20.25 ug/ml



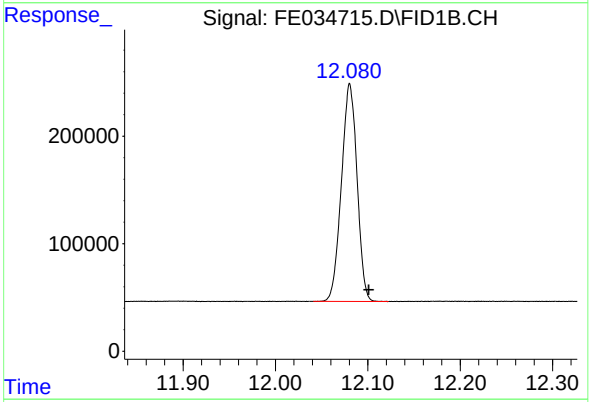
#8 n-Octadecane (C18)

R.T.: 10.777 min
Delta R.T.: -0.019 min
Response: 2469873
Conc: 19.81 ug/ml



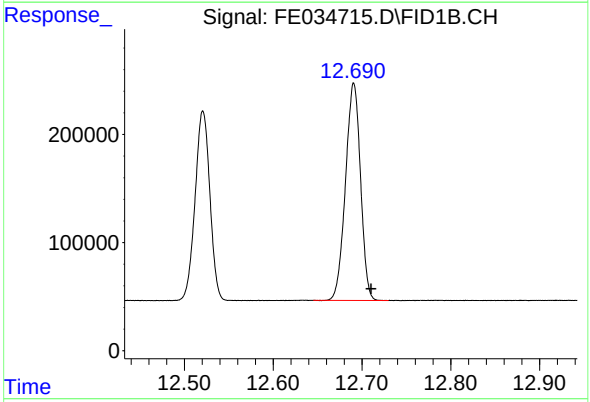
#9 ortho-Terphenyl (SURR)

R.T.: 11.089 min
Delta R.T.: -0.022 min
Response: 2642707
Conc: 19.10 ug/ml



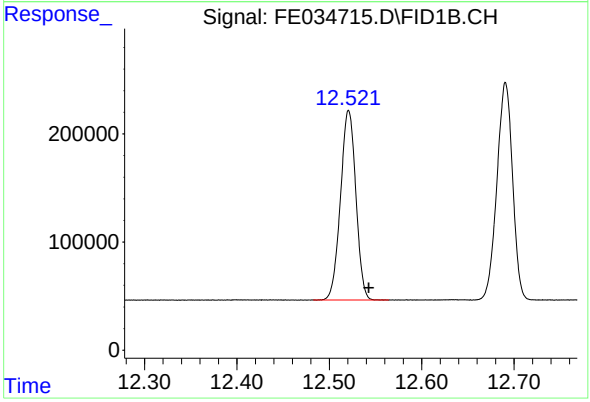
#10 n-Eicosane (C20)

R.T.: 12.080 min
Delta R.T.: -0.020 min
Response: 2382212
Conc: 19.32 ug/ml



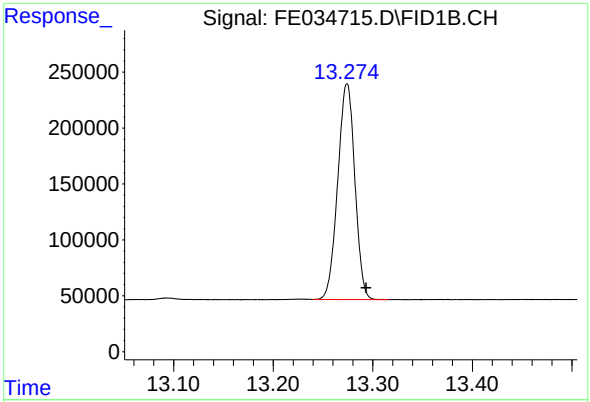
#11 n-Heneicosane (C21)

R.T.: 12.691 min
Delta R.T.: -0.019 min
Response: 2365525
Conc: 19.01 ug/ml



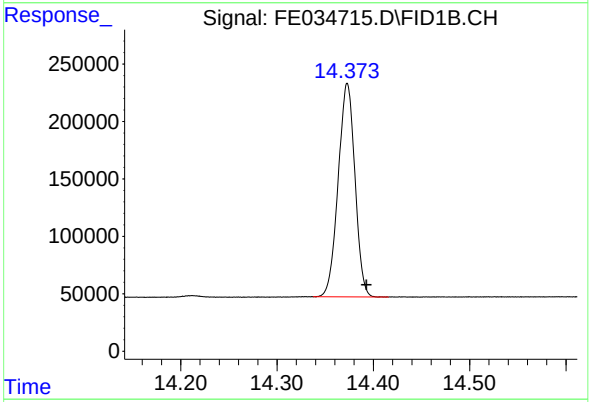
#12 1-chlorooctadecane (SURR)

R.T.: 12.521 min
Delta R.T.: -0.022 min
Response: 2027754
Conc: 19.26 ug/ml



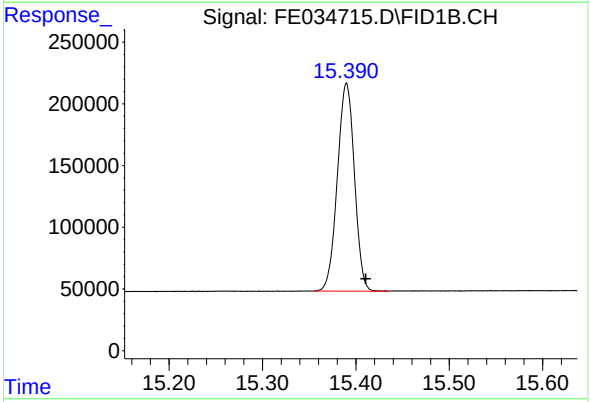
#13 n-Docosane (C22)

R.T.: 13.274 min
Delta R.T.: -0.019 min
Response: 2308474
Conc: 18.72 ug/ml



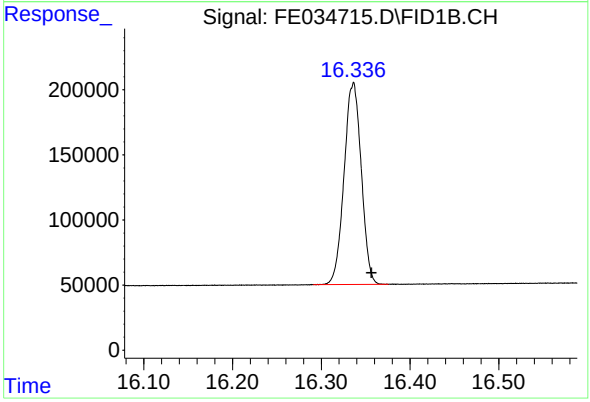
#14 n-Tetracosane (C24)

R.T.: 14.373 min
Delta R.T.: -0.020 min
Response: 2237651
Conc: 18.18 ug/ml



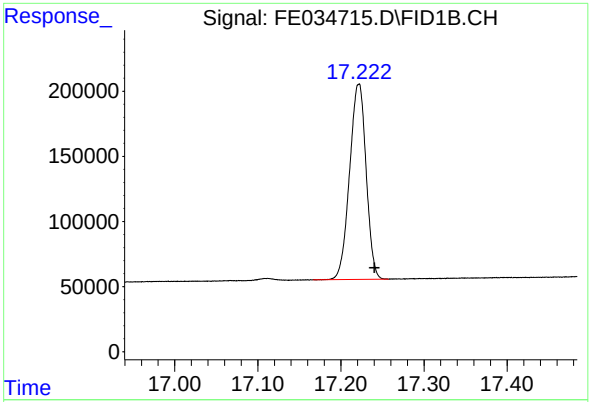
#15 n-Hexacosane (C26)

R.T.: 15.390 min
Delta R.T.: -0.020 min
Response: 2138967
Conc: 17.95 ug/ml



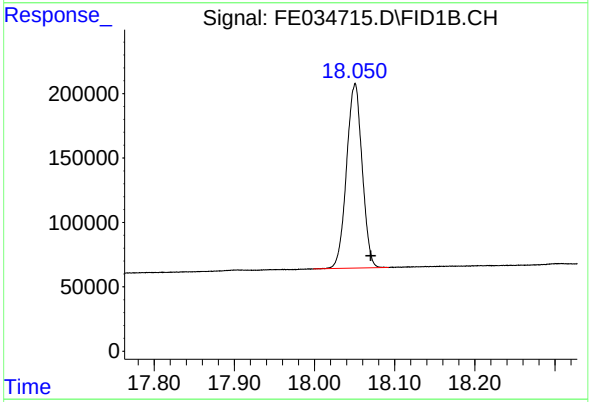
#16 n-Octacosane (C28)

R.T.: 16.336 min
Delta R.T.: -0.021 min
Response: 2087675
Conc: 18.06 ug/ml



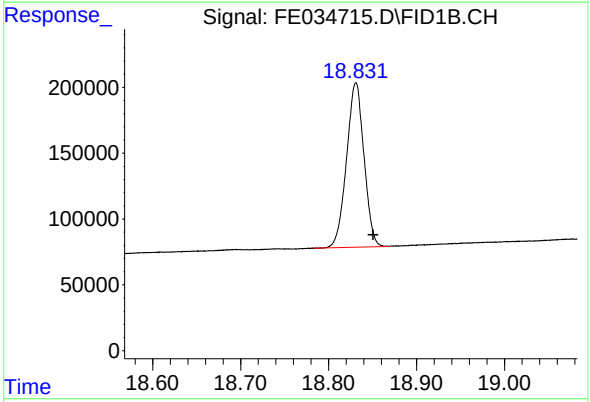
#17 n-Tricontane (C30)

R.T.: 17.222 min
Delta R.T.: -0.019 min
Response: 2074588
Conc: 19.00 ug/ml



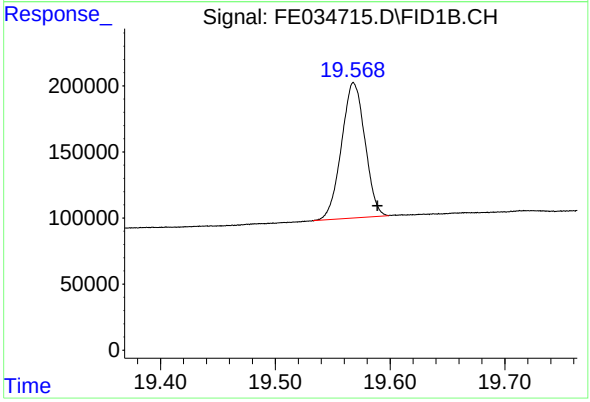
#18 n-Dotriacontane (C32)

R.T.: 18.051 min
Delta R.T.: -0.019 min
Response: 1934272
Conc: 20.17 ug/ml



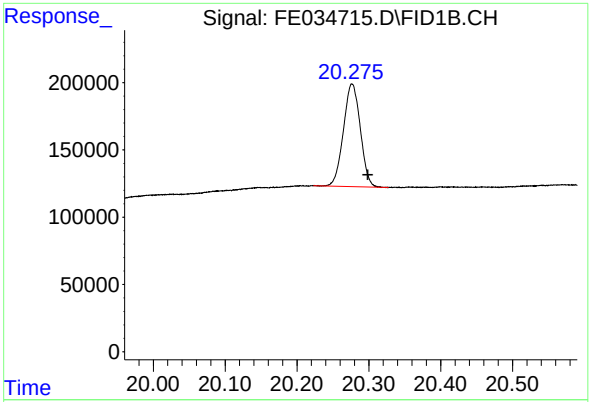
#19 n-Tetratriacontane (C34)

R.T.: 18.831 min
Delta R.T.: -0.020 min
Response: 1723222
Conc: 20.78 ug/ml



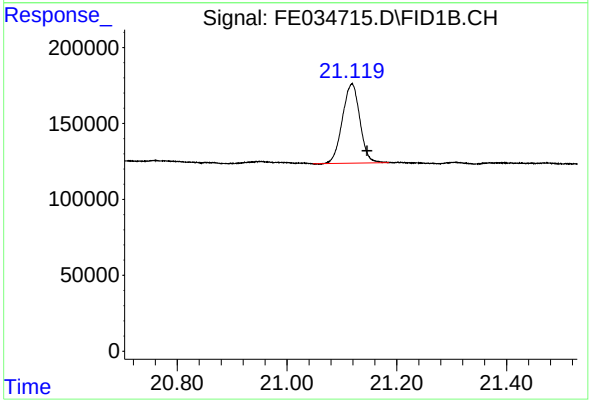
#20 n-Hexatriacontane (C36)

R.T.: 19.568 min
Delta R.T.: -0.021 min
Response: 1453119
Conc: 21.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.277 min
Delta R.T.: -0.022 min
Response: 1250515
Conc: 21.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.118 min
Delta R.T.: -0.027 min
Response: 1157610
Conc: 23.15 ug/ml