

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061722AL\
 Data File : FE036120.D
 Signal(s) : FID1B.CH
 Acq On : 17 Jun 2022 12:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 17 14:04:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 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)	10.873	2614925	19.144 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
12) S 1-chlorooctadecane (S...	12.312	2044350	19.562 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T n-Nonane (C9)	2.726	2599615	20.590 ug/ml
2) T n-Decane (C10)	3.736	2538118	20.379 ug/ml
3) T A~Naphthalene (C11.7)	5.298	2732866	19.634 ug/ml
4) T n-Dodecane (C12)	5.727	2491807	19.811 ug/ml
5) T A~2-methylnaphthalene...	6.347	2721795	19.476 ug/ml
6) T n-Tetradecane (C14)	7.519	2435725	19.488 ug/ml
7) T n-Hexadecane (C16)	9.119	2405174	19.652 ug/ml
8) T n-Octadecane (C18)	10.560	2396768	19.691 ug/ml
10) T n-Eicosane (C20)	11.869	2358915	19.532 ug/ml
11) T n-Heneicosane (C21)	12.481	2355339	19.450 ug/ml
13) T n-Docosane (C22)	13.067	2343135	19.398 ug/ml
14) T n-Tetracosane (C24)	14.170	2323083	19.137 ug/ml
15) T n-Hexacosane (C26)	15.191	2301250	18.947 ug/ml
16) T n-Octacosane (C28)	16.142	2308597	18.973 ug/ml
17) T n-Tricontane (C30)	17.029	2341406	19.336 ug/ml
18) T n-Dotriacontane (C32)	17.861	2278345	19.502 ug/ml
19) T n-Tetratriacontane (C34)	18.644	2170370	19.835 ug/ml
20) T n-Hexatriacontane (C36)	19.383	2051434	20.107 ug/mlm
21) T n-Octatriacontane (C38)	20.114	1980812	20.138 ug/ml
22) T n-Tetracontane (C40)	21.010	1992653	20.463 ug/ml

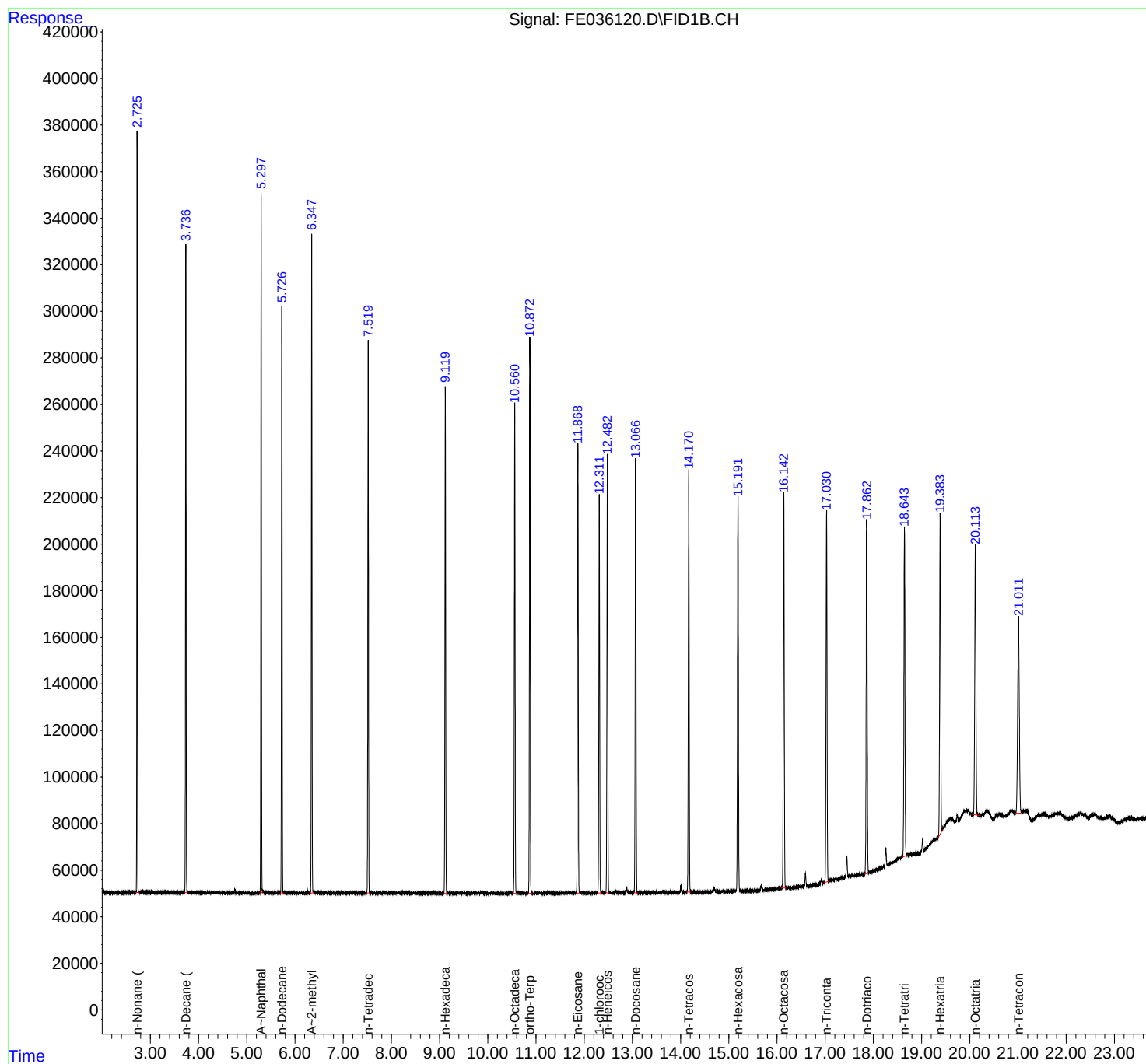
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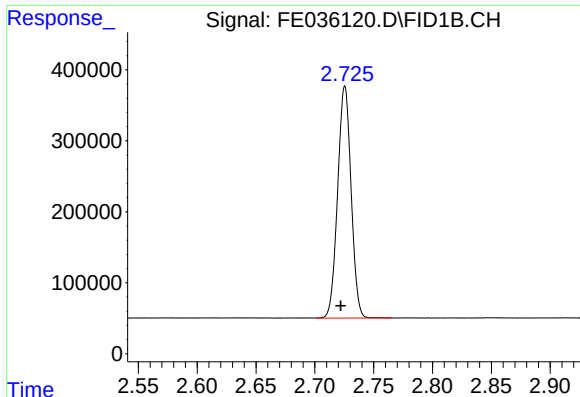
(m)=manual int.

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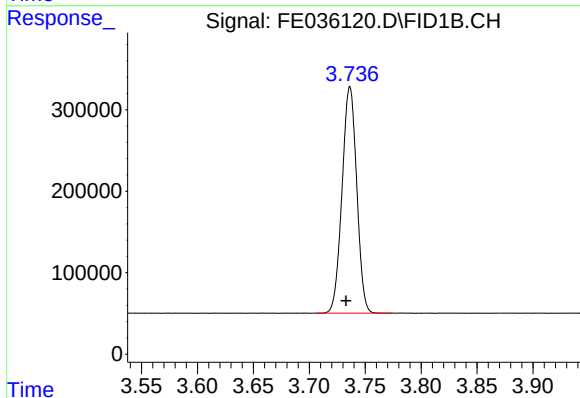
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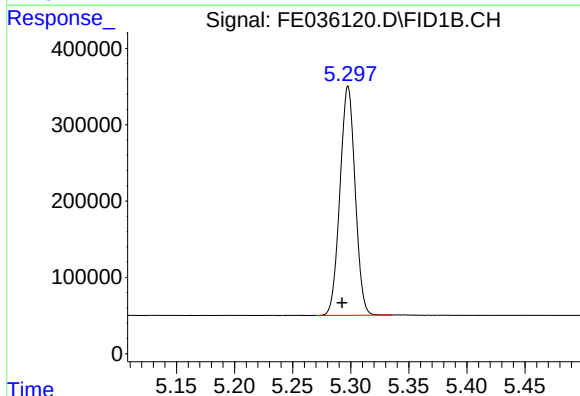
#1 n-Nonane (C9)

R.T.: 2.726 min
Delta R.T.: 0.004 min
Response: 2599615
Conc: 20.59 ug/ml



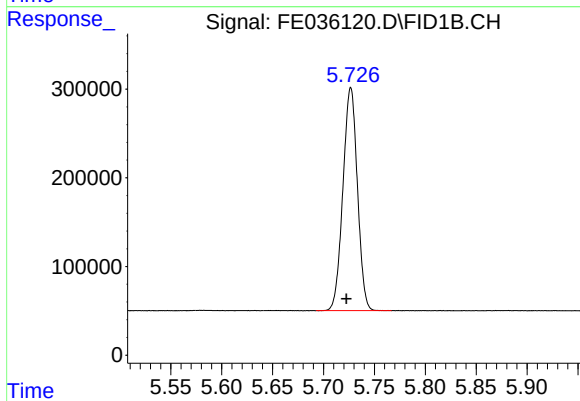
#2 n-Decane (C10)

R.T.: 3.736 min
Delta R.T.: 0.003 min
Response: 2538118
Conc: 20.38 ug/ml



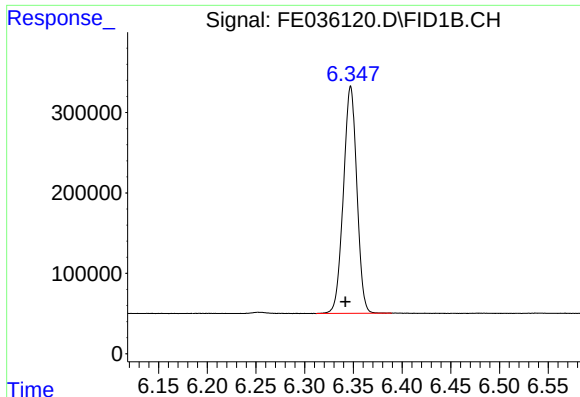
#3 A~Naphthalene (C11.7)

R.T.: 5.298 min
Delta R.T.: 0.005 min
Response: 2732866
Conc: 19.63 ug/ml



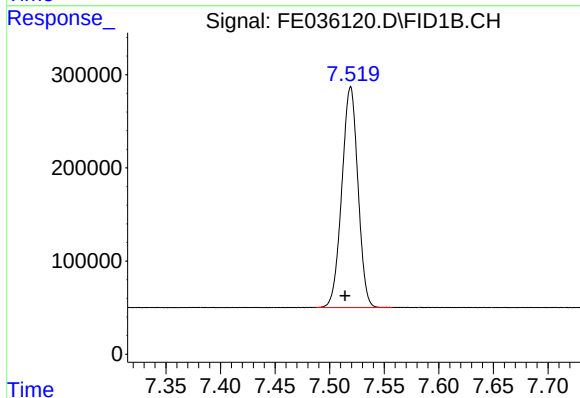
#4 n-Dodecane (C12)

R.T.: 5.727 min
Delta R.T.: 0.004 min
Response: 2491807
Conc: 19.81 ug/ml



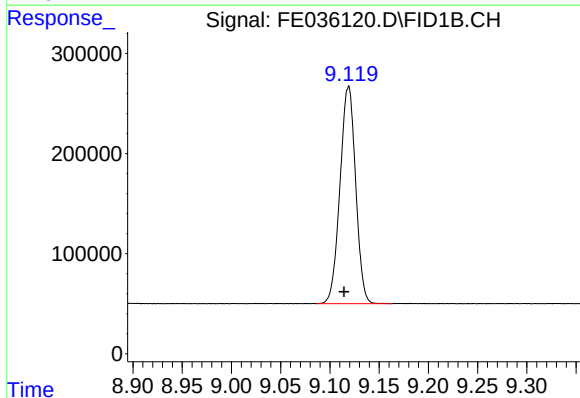
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.347 min
Delta R.T.: 0.006 min
Response: 2721795
Conc: 19.48 ug/ml



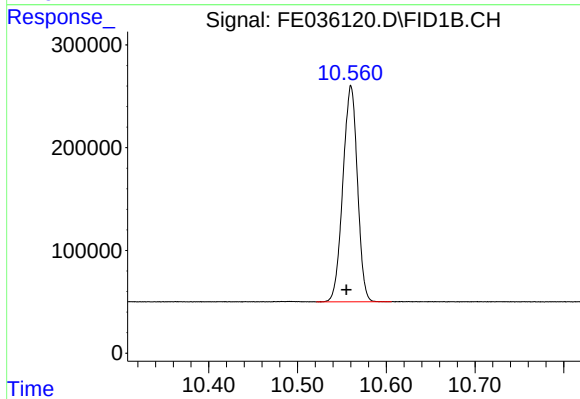
#6 n-Tetradecane (C14)

R.T.: 7.519 min
Delta R.T.: 0.005 min
Response: 2435725
Conc: 19.49 ug/ml



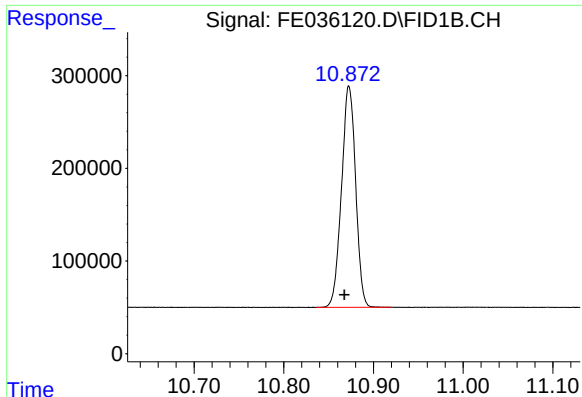
#7 n-Hexadecane (C16)

R.T.: 9.119 min
Delta R.T.: 0.005 min
Response: 2405174
Conc: 19.65 ug/ml



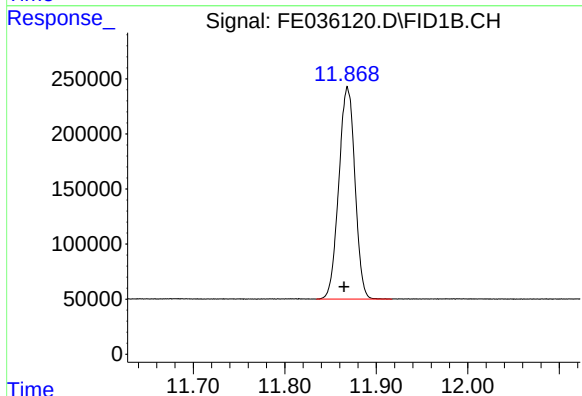
#8 n-Octadecane (C18)

R.T.: 10.560 min
Delta R.T.: 0.005 min
Response: 2396768
Conc: 19.69 ug/ml



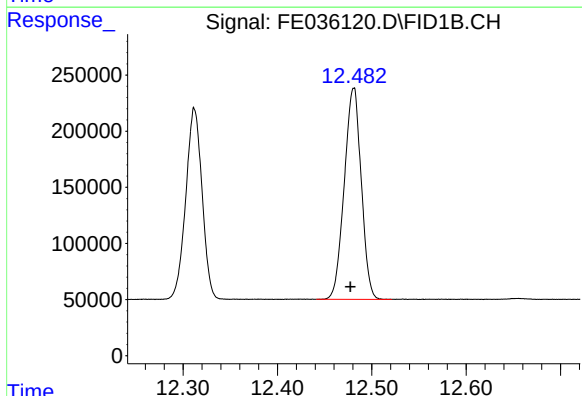
#9 ortho-Terphenyl (SURR)

R.T.: 10.873 min
Delta R.T.: 0.005 min
Response: 2614925
Conc: 19.14 ug/ml



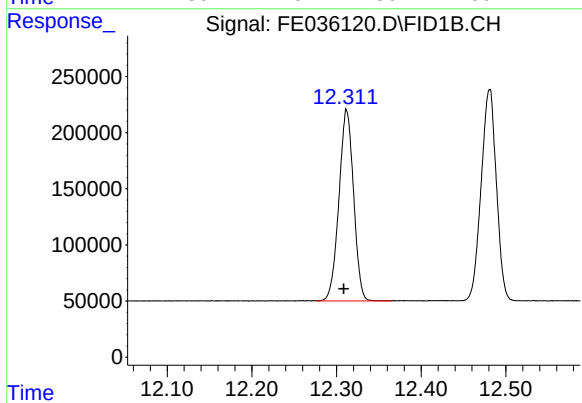
#10 n-Eicosane (C20)

R.T.: 11.869 min
Delta R.T.: 0.004 min
Response: 2358915
Conc: 19.53 ug/ml



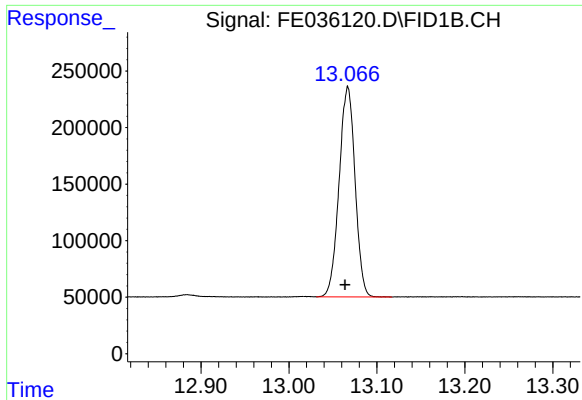
#11 n-Heneicosane (C21)

R.T.: 12.481 min
Delta R.T.: 0.003 min
Response: 2355339
Conc: 19.45 ug/ml



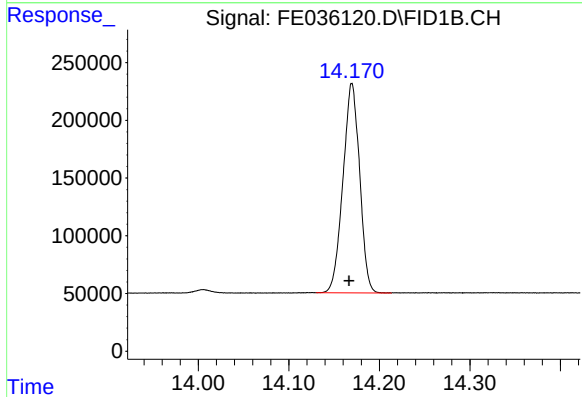
#12 1-chlorooctadecane (SURR)

R.T.: 12.312 min
Delta R.T.: 0.004 min
Response: 2044350
Conc: 19.56 ug/ml



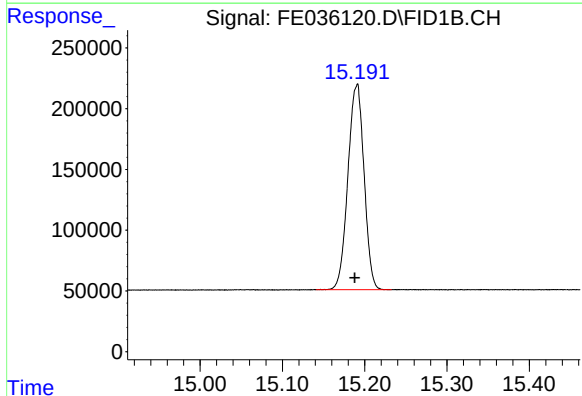
#13 n-Docosane (C22)

R.T.: 13.067 min
Delta R.T.: 0.003 min
Response: 2343135
Conc: 19.40 ug/ml



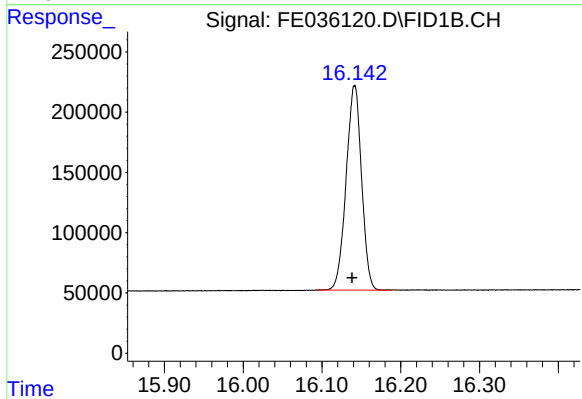
#14 n-Tetracosane (C24)

R.T.: 14.170 min
Delta R.T.: 0.003 min
Response: 2323083
Conc: 19.14 ug/ml



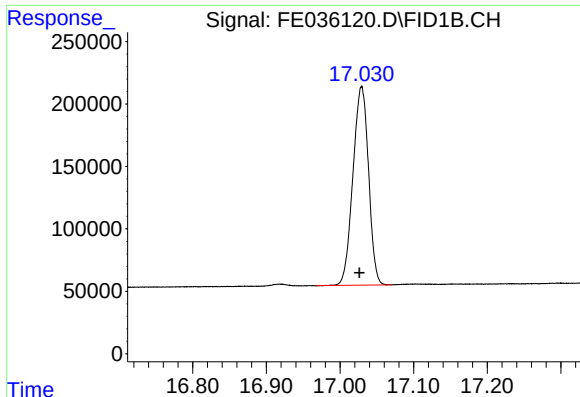
#15 n-Hexacosane (C26)

R.T.: 15.191 min
Delta R.T.: 0.003 min
Response: 2301250
Conc: 18.95 ug/ml



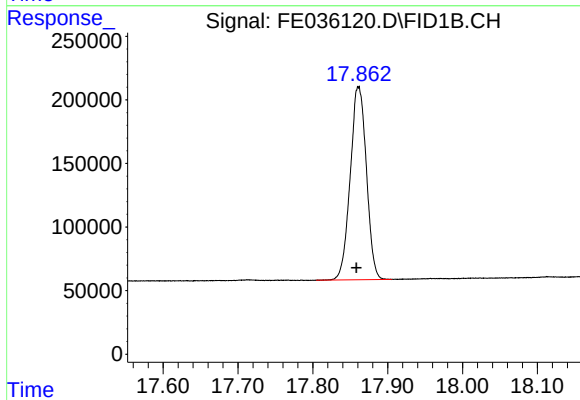
#16 n-Octacosane (C28)

R.T.: 16.142 min
Delta R.T.: 0.003 min
Response: 2308597
Conc: 18.97 ug/ml



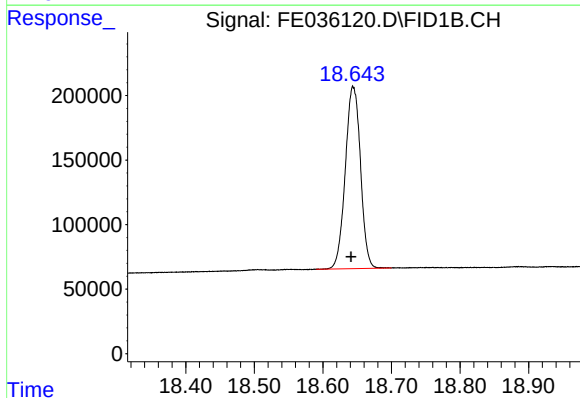
#17 n-Tricontane (C30)

R.T.: 17.029 min
Delta R.T.: 0.003 min
Response: 2341406
Conc: 19.34 ug/ml



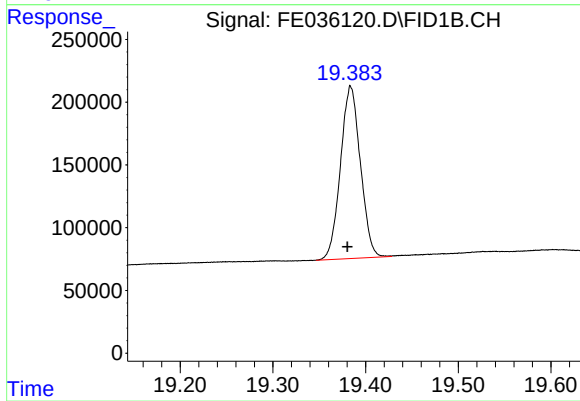
#18 n-Dotriacontane (C32)

R.T.: 17.861 min
Delta R.T.: 0.003 min
Response: 2278345
Conc: 19.50 ug/ml



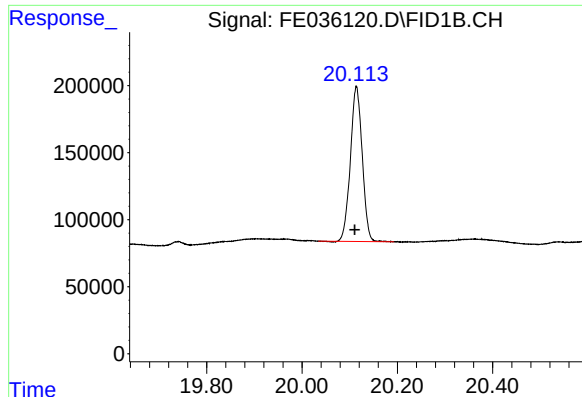
#19 n-Tetratriacontane (C34)

R.T.: 18.644 min
Delta R.T.: 0.003 min
Response: 2170370
Conc: 19.84 ug/ml



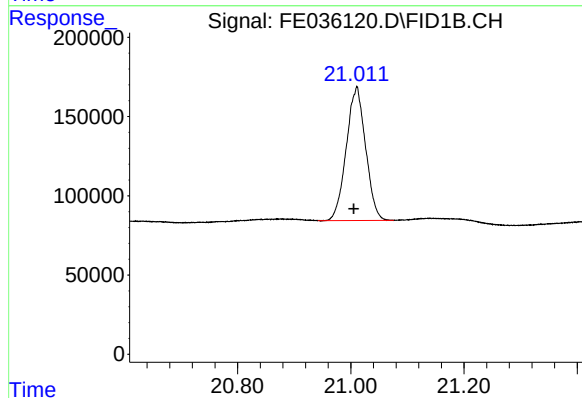
#20 n-Hexatriacontane (C36)

R.T.: 19.383 min
Delta R.T.: 0.003 min
Response: 2051434
Conc: 20.11 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.114 min
Delta R.T.: 0.004 min
Response: 1980812
Conc: 20.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.010 min
Delta R.T.: 0.005 min
Response: 1992653
Conc: 20.46 ug/ml