

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030422AL\
 Data File : FE035221.D
 Signal(s) : FID1B.CH
 Acq On : 04 Mar 2022 11:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 22:04:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 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)	11.359	2723299	19.662 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	12.793	2104939	19.433 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.184	2289474	19.939 ug/ml
2) T n-Decane (C10)	4.237	2280293	20.015 ug/ml
3) T A~Naphthalene (C11.7)	5.801	2533481	19.947 ug/ml
4) T n-Dodecane (C12)	6.241	2345313	19.947 ug/ml
5) T A~2-methylnaphthalene...	6.850	2548216	19.949 ug/ml
6) T n-Tetradecane (C14)	8.026	2388495	20.014 ug/ml
7) T n-Hexadecane (C16)	9.618	2430220	19.947 ug/ml
8) T n-Octadecane (C18)	11.052	2483156	19.809 ug/ml
10) T n-Eicosane (C20)	12.353	2483860	19.643 ug/ml
11) T n-Heneicosane (C21)	12.963	2488181	19.538 ug/ml
13) T n-Docosane (C22)	13.545	2485694	19.575 ug/ml
14) T n-Tetracosane (C24)	14.642	2477052	19.558 ug/ml
15) T n-Hexacosane (C26)	15.656	2429941	19.597 ug/ml
16) T n-Octacosane (C28)	16.601	2388158	19.925 ug/ml
17) T n-Tricontane (C30)	17.483	2334084	20.608 ug/ml
18) T n-Dotriacontane (C32)	18.310	2153606	21.149 ug/ml
19) T n-Tetratriacontane (C34)	19.089	1891832	21.203 ug/ml
20) T n-Hexatriacontane (C36)	19.826	1629673	21.467 ug/ml
21) T n-Octatriacontane (C38)	20.526	1469240	22.250 ug/ml
22) T n-Tetracontane (C40)	21.335	1374159	22.466 ug/ml

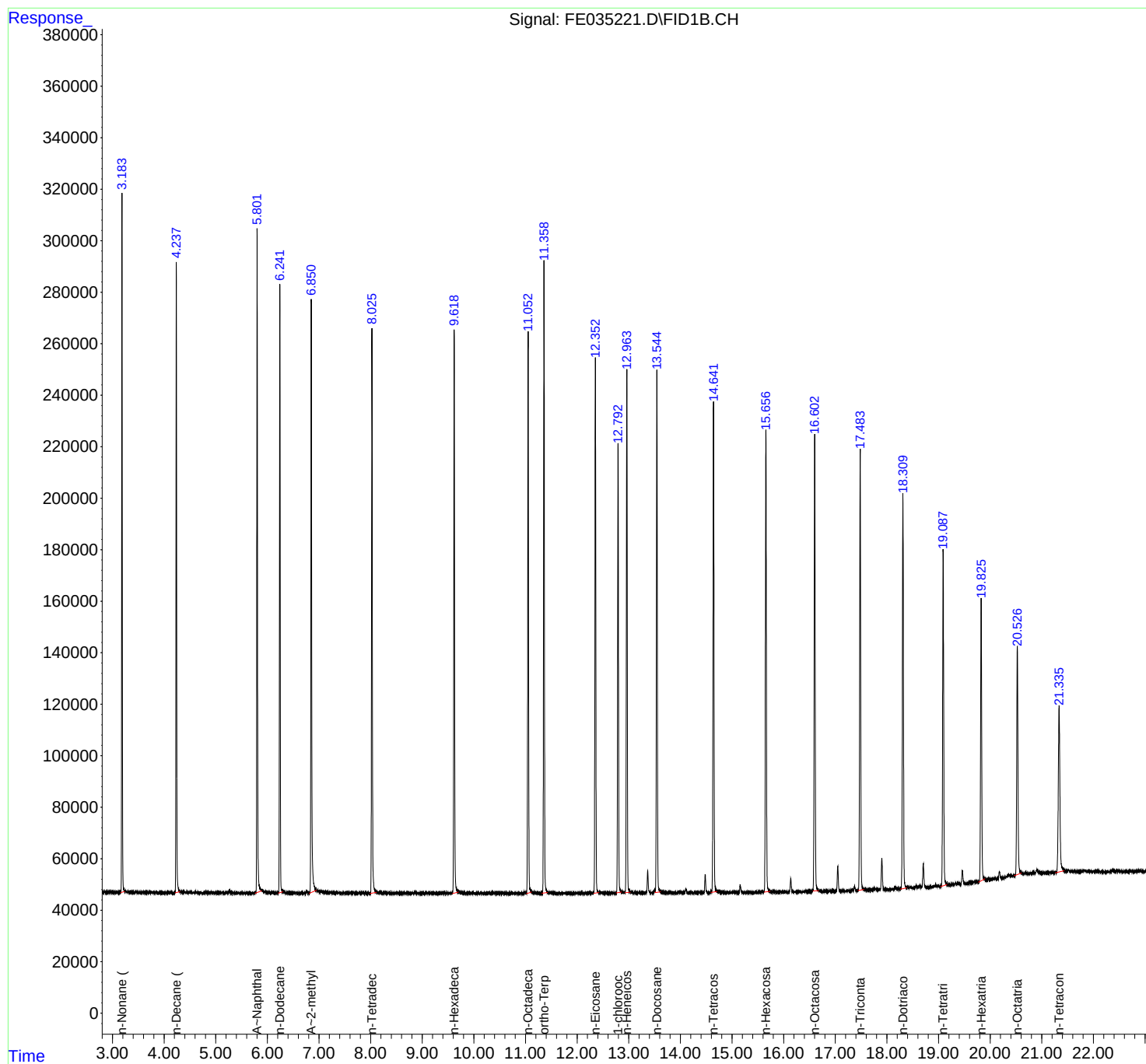
(f)=RT Delta > 1/2 Window

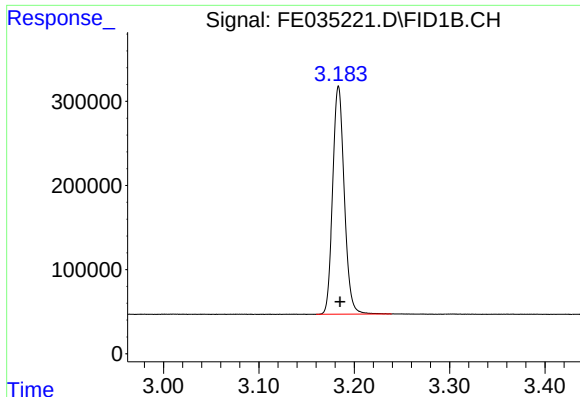
(m)=manual int.

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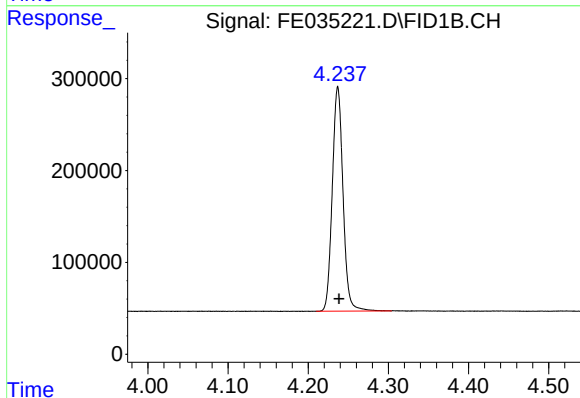
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





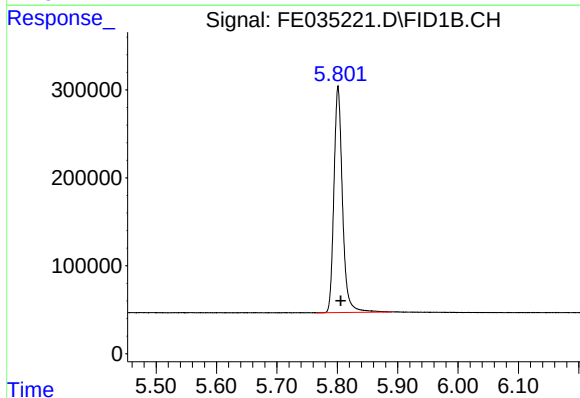
#1 n-Nonane (C9)

R.T.: 3.184 min
Delta R.T.: -0.001 min
Response: 2289474
Conc: 19.94 ug/ml



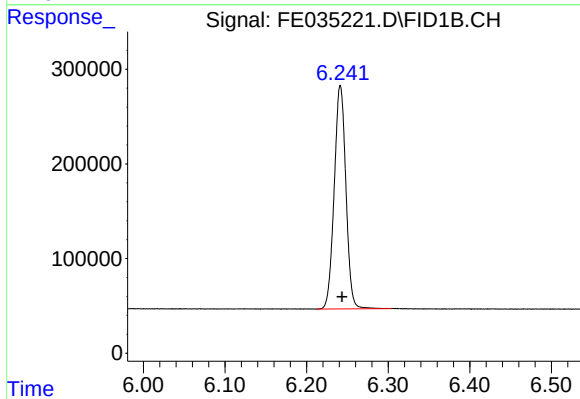
#2 n-Decane (C10)

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 2280293
Conc: 20.02 ug/ml



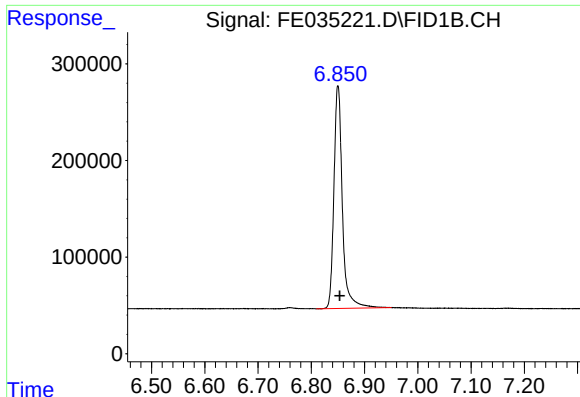
#3 A~Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 2533481
Conc: 19.95 ug/ml



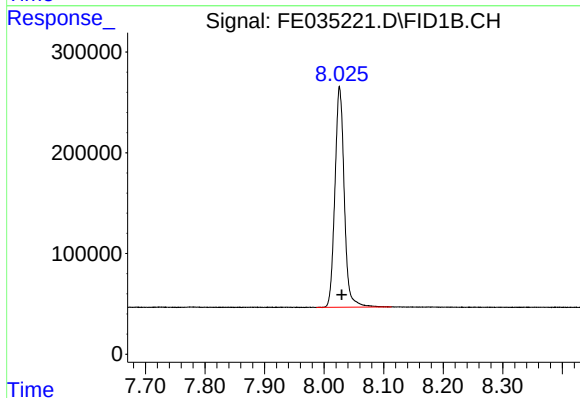
#4 n-Dodecane (C12)

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 2345313
Conc: 19.95 ug/ml



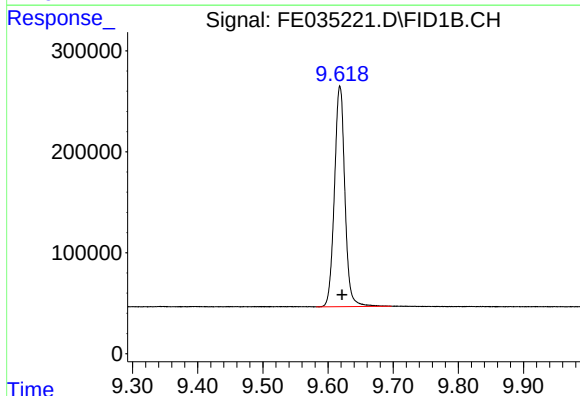
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 2548216
Conc: 19.95 ug/ml



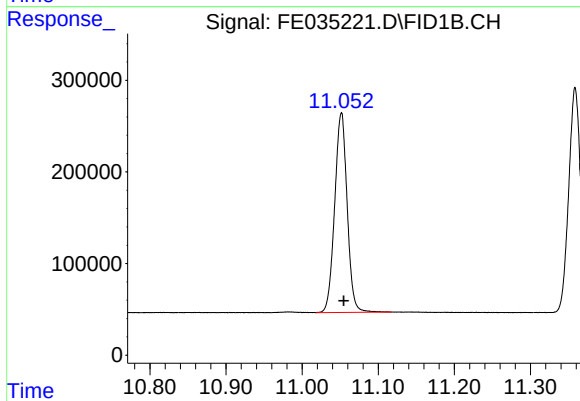
#6 n-Tetradecane (C14)

R.T.: 8.026 min
Delta R.T.: -0.004 min
Response: 2388495
Conc: 20.01 ug/ml



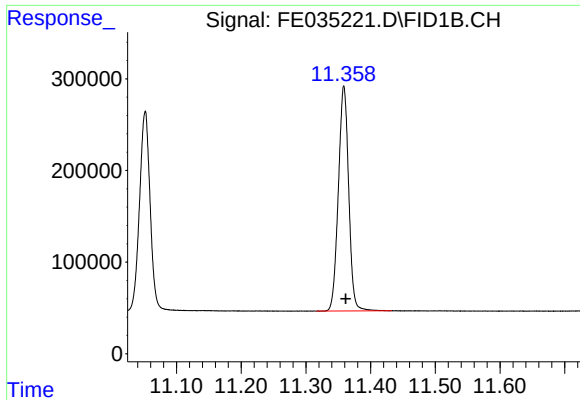
#7 n-Hexadecane (C16)

R.T.: 9.618 min
Delta R.T.: -0.003 min
Response: 2430220
Conc: 19.95 ug/ml



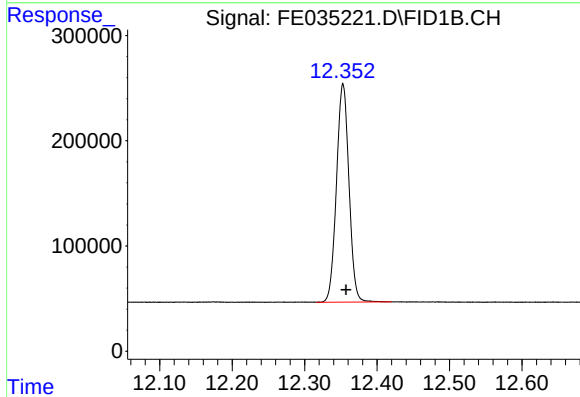
#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: -0.003 min
Response: 2483156
Conc: 19.81 ug/ml



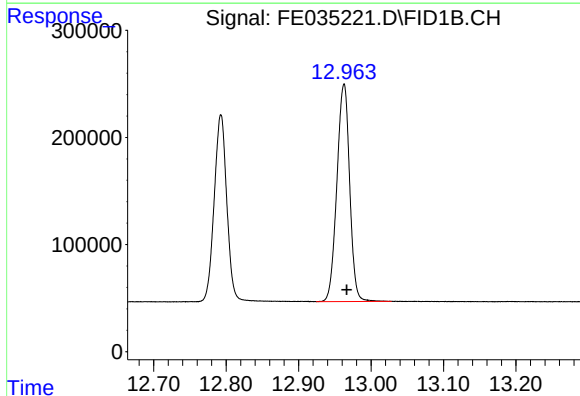
#9 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: -0.003 min
Response: 2723299
Conc: 19.66 ug/ml



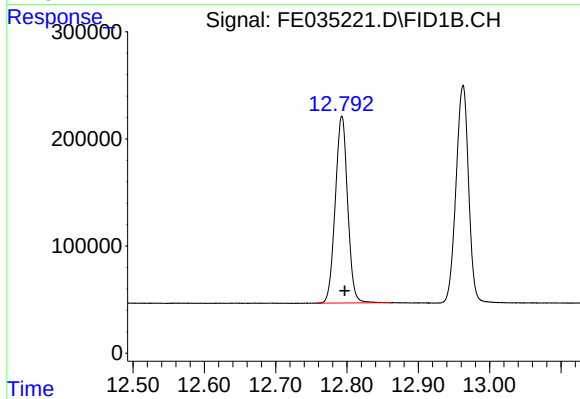
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: -0.004 min
Response: 2483860
Conc: 19.64 ug/ml



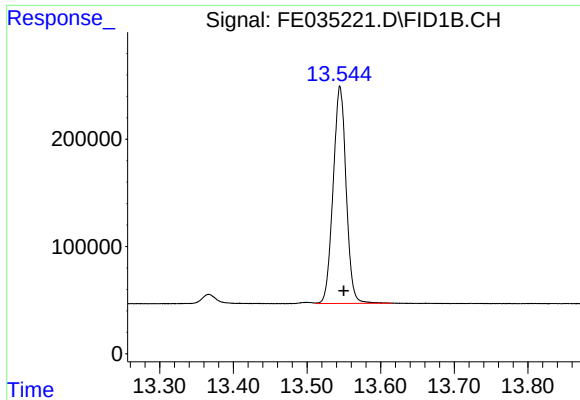
#11 n-Heneicosane (C21)

R.T.: 12.963 min
Delta R.T.: -0.004 min
Response: 2488181
Conc: 19.54 ug/ml



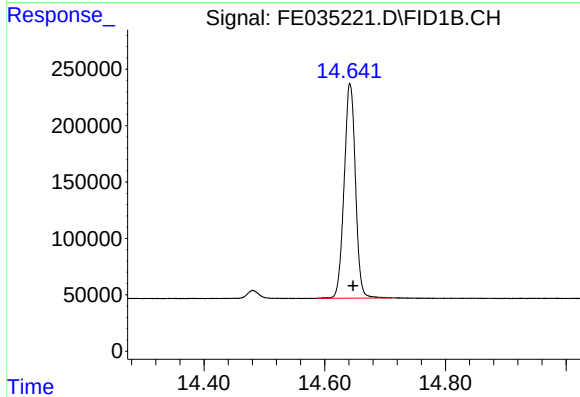
#12 1-chlorooctadecane (SURR)

R.T.: 12.793 min
Delta R.T.: -0.004 min
Response: 2104939
Conc: 19.43 ug/ml



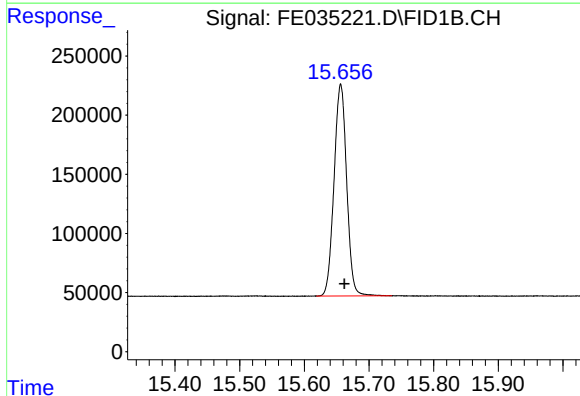
#13 n-Docosane (C22)

R.T.: 13.545 min
Delta R.T.: -0.005 min
Response: 2485694
Conc: 19.58 ug/ml



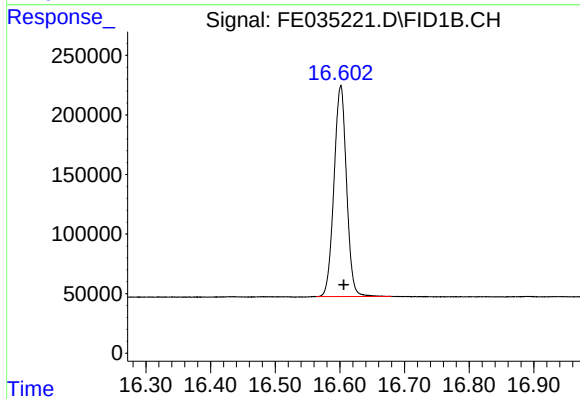
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: -0.005 min
Response: 2477052
Conc: 19.56 ug/ml



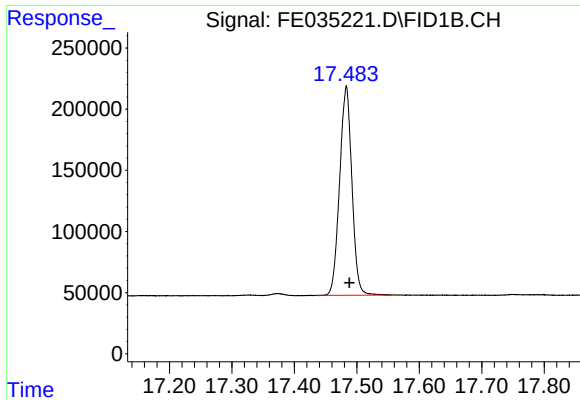
#15 n-Hexacosane (C26)

R.T.: 15.656 min
Delta R.T.: -0.005 min
Response: 2429941
Conc: 19.60 ug/ml



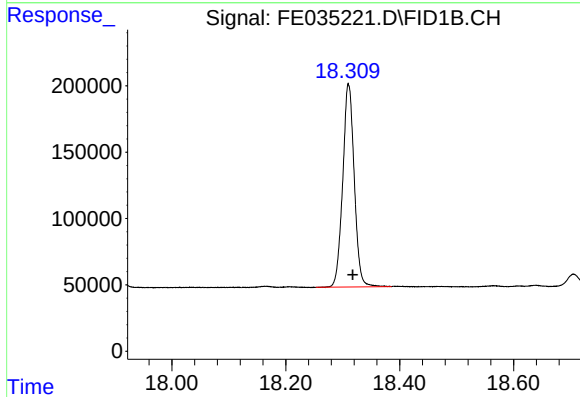
#16 n-Octacosane (C28)

R.T.: 16.601 min
Delta R.T.: -0.005 min
Response: 2388158
Conc: 19.92 ug/ml



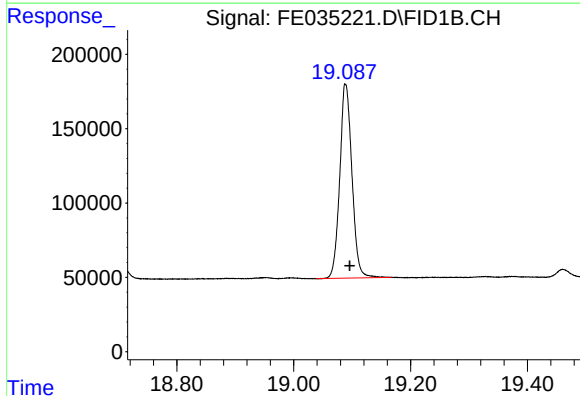
#17 n-Tricontane (C30)

R.T.: 17.483 min
Delta R.T.: -0.005 min
Response: 2334084
Conc: 20.61 ug/ml



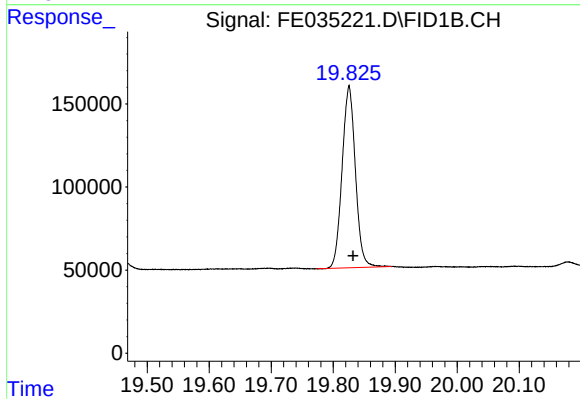
#18 n-Dotriacontane (C32)

R.T.: 18.310 min
Delta R.T.: -0.007 min
Response: 2153606
Conc: 21.15 ug/ml



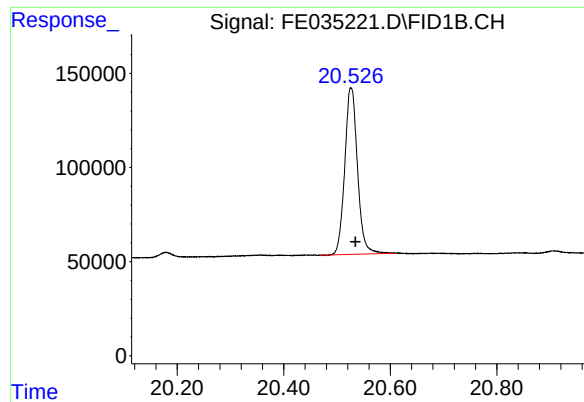
#19 n-Tetratriacontane (C34)

R.T.: 19.089 min
Delta R.T.: -0.008 min
Response: 1891832
Conc: 21.20 ug/ml



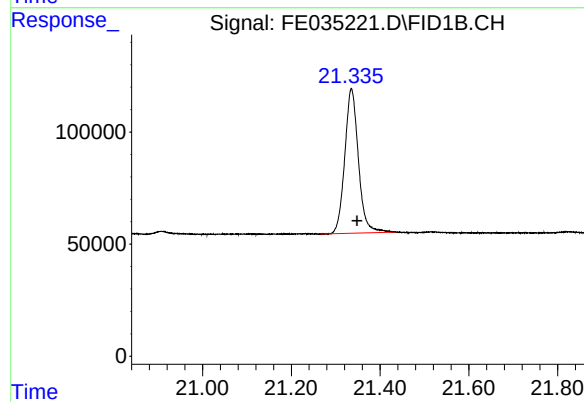
#20 n-Hexatriacontane (C36)

R.T.: 19.826 min
Delta R.T.: -0.006 min
Response: 1629673
Conc: 21.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.526 min
Delta R.T.: -0.008 min
Response: 1469240
Conc: 22.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.335 min
Delta R.T.: -0.012 min
Response: 1374159
Conc: 22.47 ug/ml