

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071118AL\
 Data File : FE028221.D
 Signal(s) : FID1B.CH
 Acq On : 12 Jul 2018 8:55
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 12 09:20:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 062918.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 29 22:35:33 2018
 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)	11.953	4390748	18.507 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
12) S 1-chlorooctadecane (S...	13.382	3432322	17.268 ug/ml
Spiked Amount 50.000		Recovery =	34.54%
Target Compounds			
1) T n-Nonane (C9)	3.649	4167241	22.368 ug/ml
2) T n-Decane (C10)	4.714	4360136	23.145 ug/ml
3) T A~Naphthalene (C11.7)	6.327	4915928	23.205 ug/ml
4) T n-Dodecane (C12)	6.740	4591192	23.597 ug/ml
5) T A~2-methylnaphthalene...	7.393	4930941	22.832 ug/ml
6) T n-Tetradecane (C14)	8.549	4665385	22.670 ug/ml
7) T n-Hexadecane (C16)	10.161	4526918	20.813 ug/ml
8) T n-Octadecane (C18)	11.613	4309719	18.943 ug/ml
10) T n-Eicosane (C20)	12.930	4239384	17.893 ug/ml
11) T n-Heneicosane (C21)	13.546	4135346	17.535 ug/ml
13) T n-Docosane (C22)	14.136	4096621	17.302 ug/ml
14) T n-Tetracosane (C24)	15.246	4013550	17.368 ug/ml
15) T n-Hexacosane (C26)	16.272	4022328	18.092 ug/ml
16) T n-Octacosane (C28)	17.228	4172641	19.434 ug/ml
17) T n-Tricontane (C30)	18.119	4221470	21.272 ug/ml
18) T n-Dotriacontane (C32)	18.957	4259242	23.259 ug/ml
19) T n-Tetratriacontane (C34)	19.745	4040009	23.636 ug/ml
20) T n-Hexatriacontane (C36)	20.489	3805456	23.167 ug/mlm
21) T n-Octatriacontane (C38)	21.319	3299133	20.048 ug/ml
22) T n-Tetracontane (C40)	22.372	2881505	17.354 ug/ml

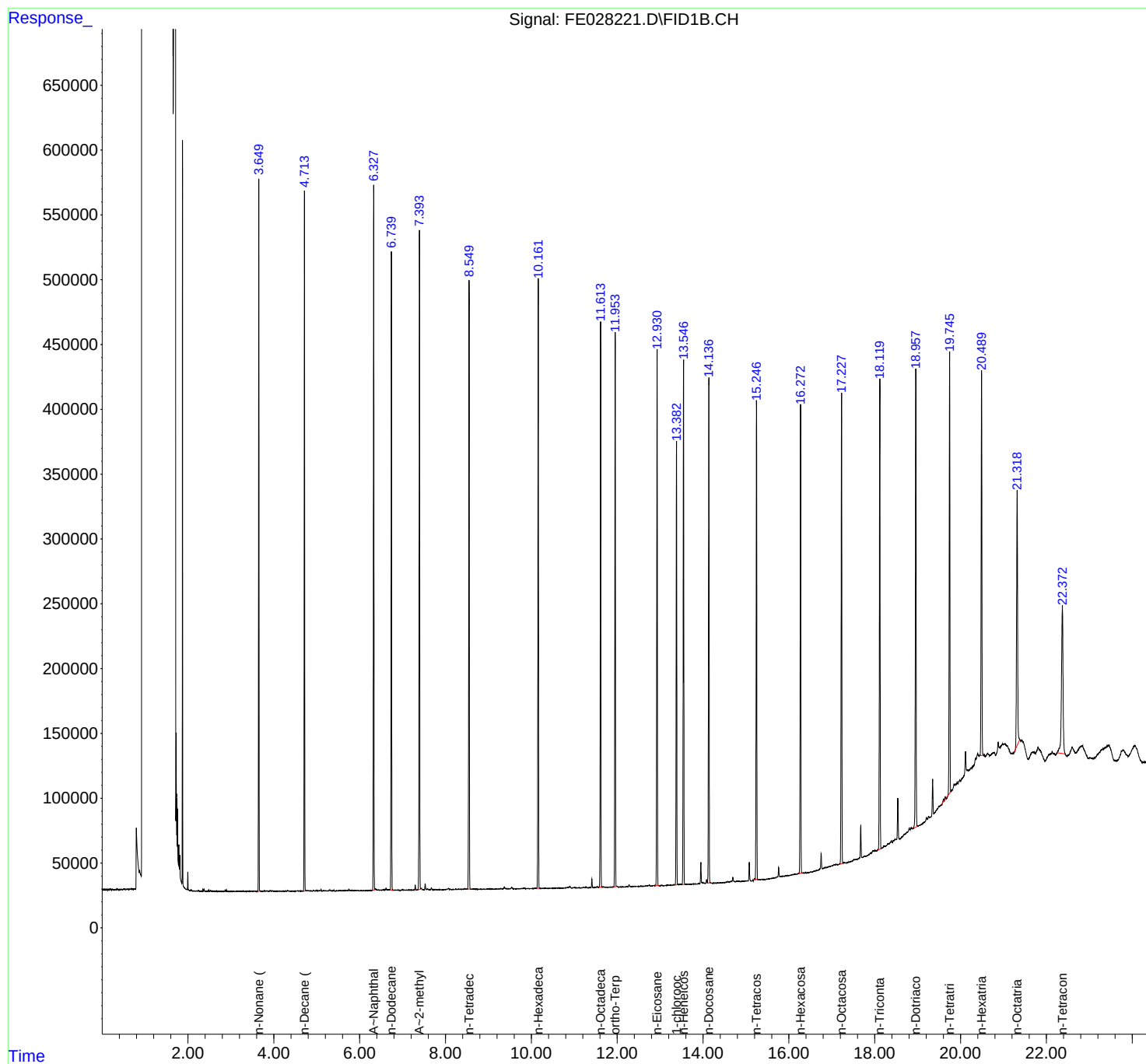
(f)=RT Delta > 1/2 Window

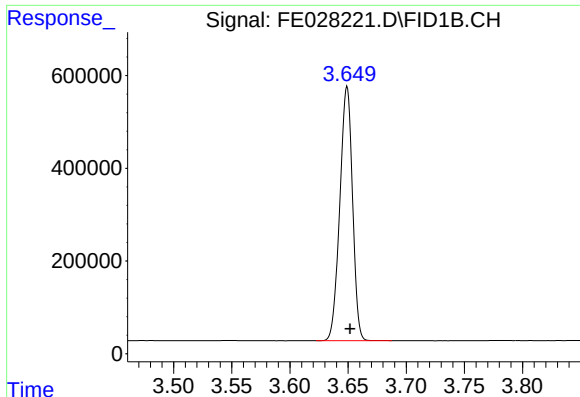
(m)=manual int.

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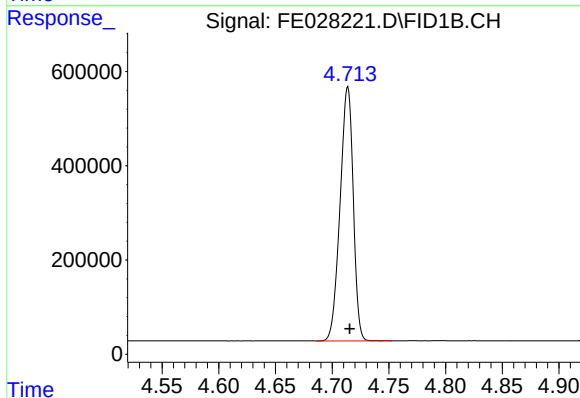
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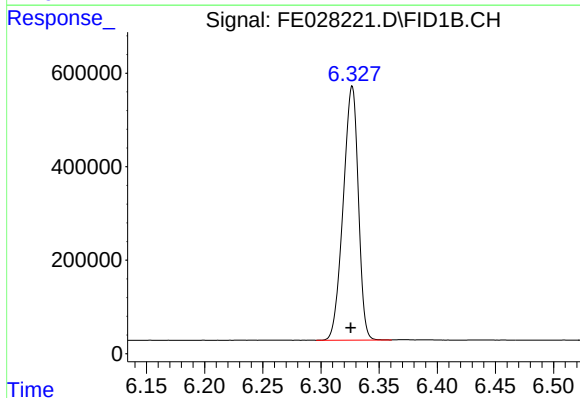
#1 n-Nonane (C9)

R.T.: 3.649 min
Delta R.T.: -0.003 min
Response: 4167241
Conc: 22.37 ug/ml



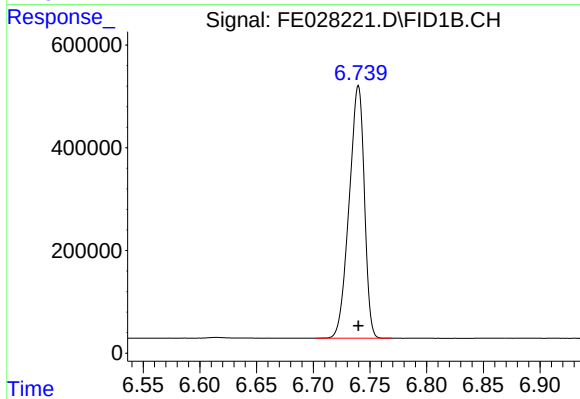
#2 n-Decane (C10)

R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 4360136
Conc: 23.14 ug/ml



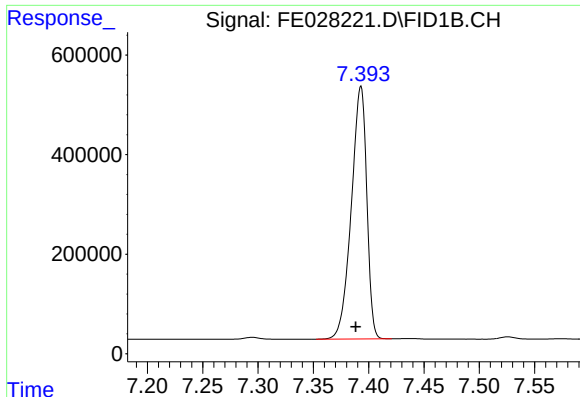
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.001 min
Response: 4915928
Conc: 23.21 ug/ml



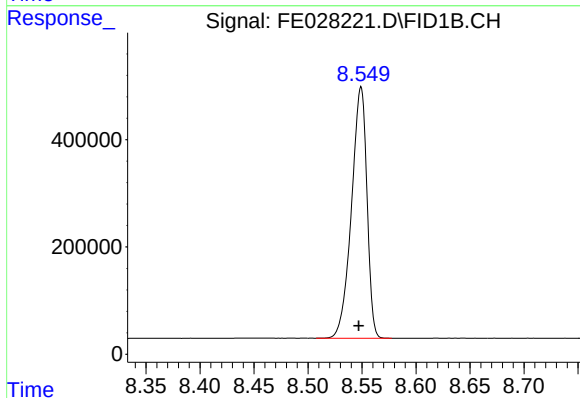
#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 4591192
Conc: 23.60 ug/ml



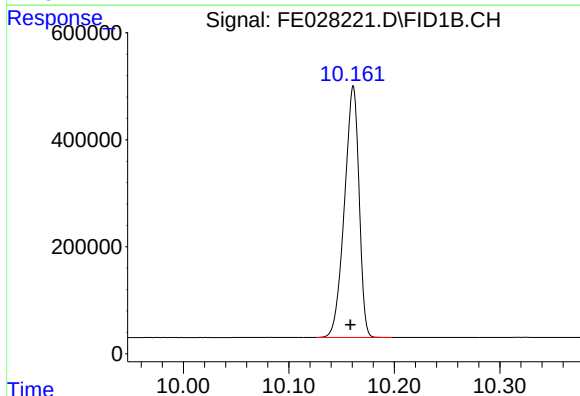
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: 0.005 min
Response: 4930941
Conc: 22.83 ug/ml



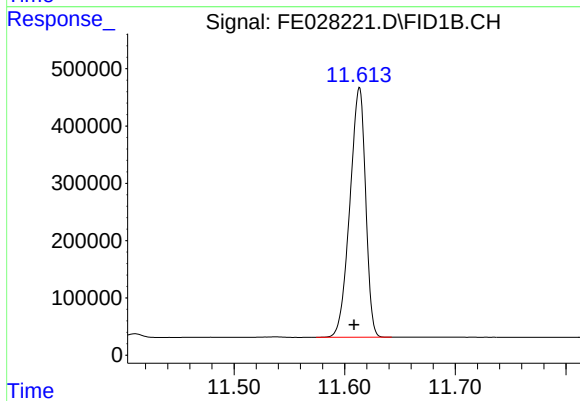
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: 0.002 min
Response: 4665385
Conc: 22.67 ug/ml



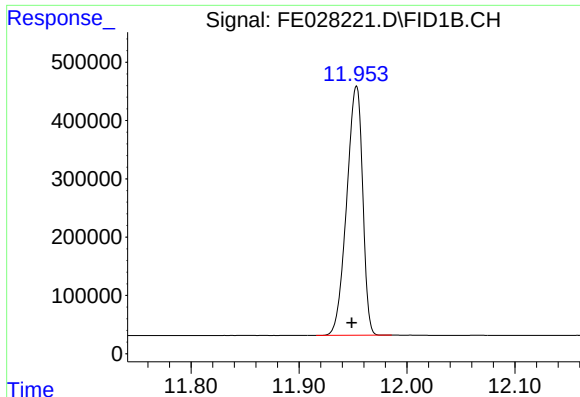
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.003 min
Response: 4526918
Conc: 20.81 ug/ml



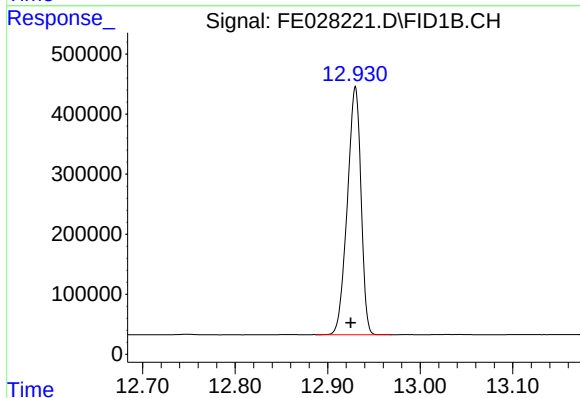
#8 n-Octadecane (C18)

R.T.: 11.613 min
Delta R.T.: 0.005 min
Response: 4309719
Conc: 18.94 ug/ml



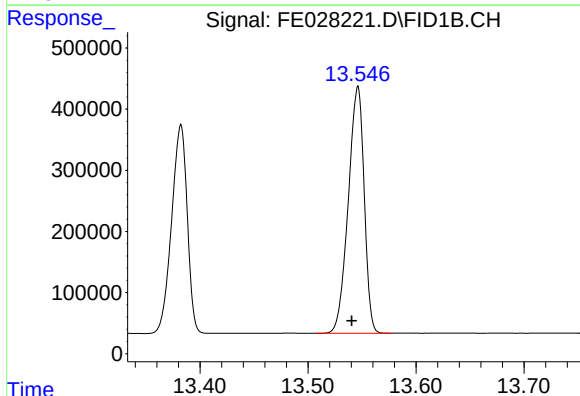
#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: 0.005 min
Response: 4390748
Conc: 18.51 ug/ml



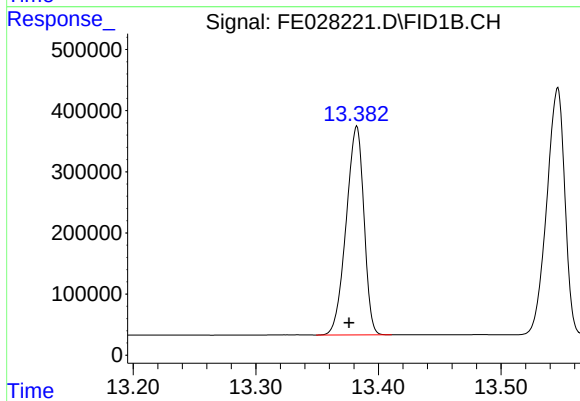
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.005 min
Response: 4239384
Conc: 17.89 ug/ml



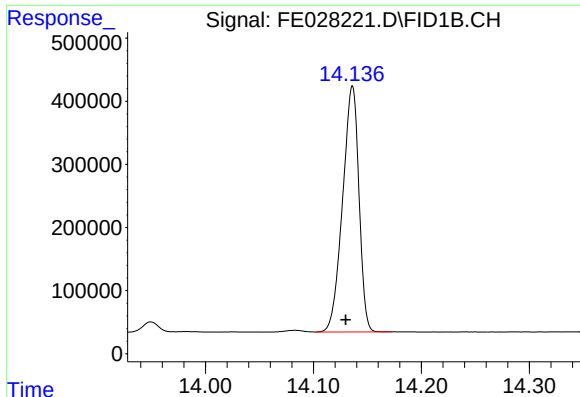
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: 0.006 min
Response: 4135346
Conc: 17.54 ug/ml



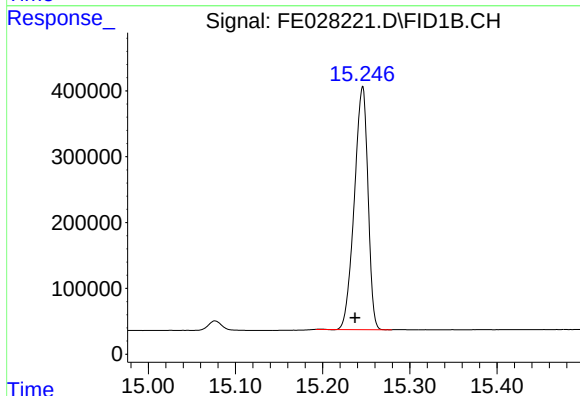
#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: 0.006 min
Response: 3432322
Conc: 17.27 ug/ml



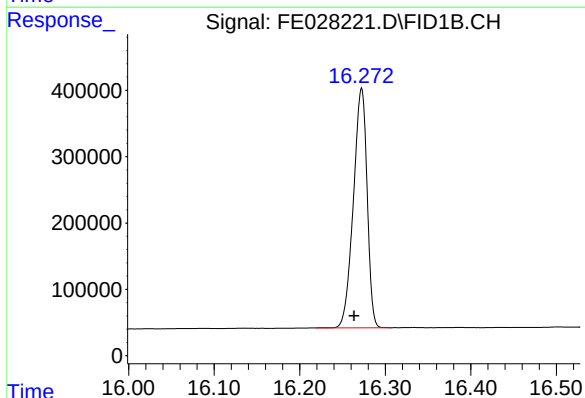
#13 n-Docosane (C22)

R.T.: 14.136 min
Delta R.T.: 0.006 min
Response: 4096621
Conc: 17.30 ug/ml



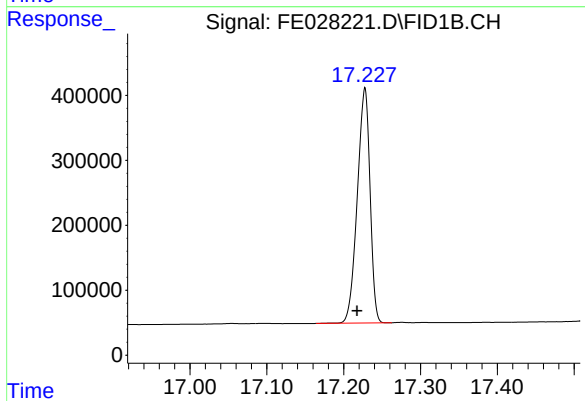
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: 0.008 min
Response: 4013550
Conc: 17.37 ug/ml



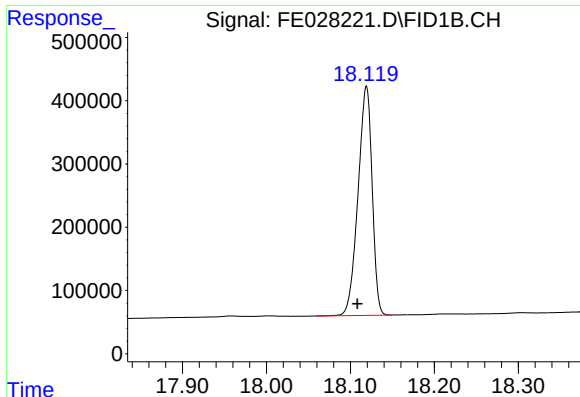
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: 0.009 min
Response: 4022328
Conc: 18.09 ug/ml



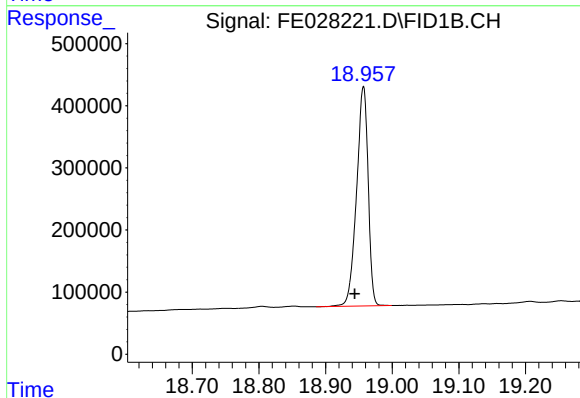
#16 n-Octacosane (C28)

R.T.: 17.228 min
Delta R.T.: 0.010 min
Response: 4172641
Conc: 19.43 ug/ml



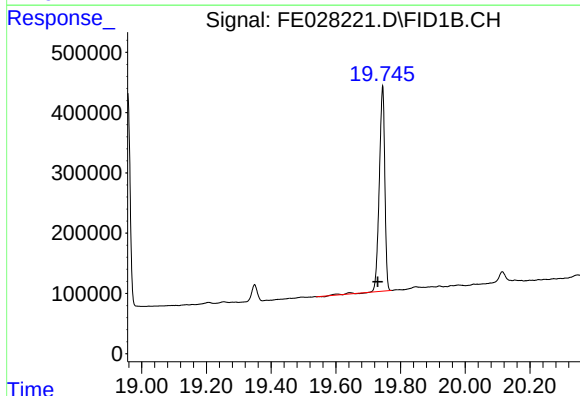
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: 0.011 min
Response: 4221470
Conc: 21.27 ug/ml



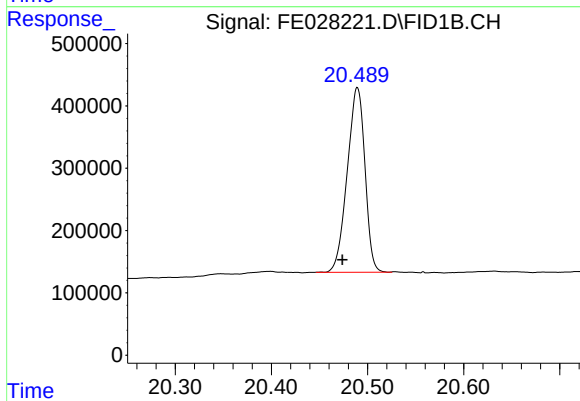
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.013 min
Response: 4259242
Conc: 23.26 ug/ml



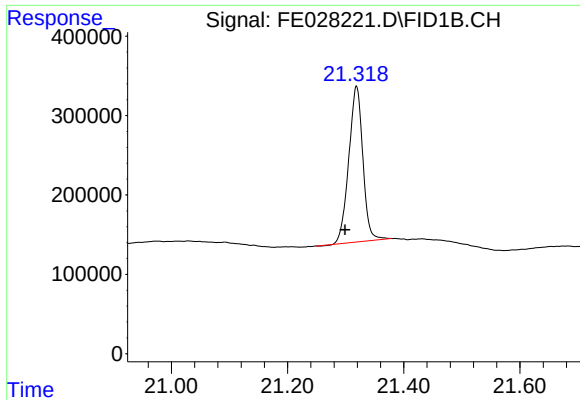
#19 n-Tetratriacontane (C34)

R.T.: 19.745 min
Delta R.T.: 0.015 min
Response: 4040009
Conc: 23.64 ug/ml



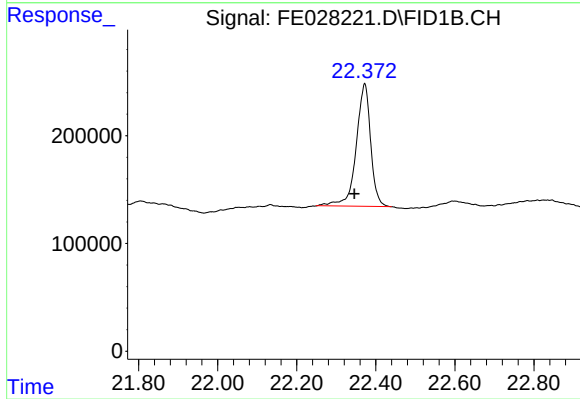
#20 n-Hexatriacontane (C36)

R.T.: 20.489 min
Delta R.T.: 0.015 min
Response: 3805456
Conc: 23.17 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.319 min
Delta R.T.: 0.020 min
Response: 3299133
Conc: 20.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: 0.026 min
Response: 2881505
Conc: 17.35 ug/ml