

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121421AL\
 Data File : FE034593.D
 Signal(s) : FID1B.CH
 Acq On : 14 Dec 2021 15:39
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 15 02:23:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121321.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 05:59:54 2021
 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)	11.628	2382763	19.599 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.055	1878229	19.604 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T n-Nonane (C9)	3.384	2117595	19.600 ug/ml
2) T n-Decane (C10)	4.454	2135855	19.637 ug/ml
3) T A~Naphthalene (C11.7)	6.050	2415487	19.689 ug/ml
4) T n-Dodecane (C12)	6.470	2119680	19.619 ug/ml
5) T A~2-methylnaphthalene...	7.103	2428666	19.682 ug/ml
6) T n-Tetradecane (C14)	8.263	2127278	19.554 ug/ml
7) T n-Hexadecane (C16)	9.861	2139219	19.532 ug/ml
8) T n-Octadecane (C18)	11.300	2201126	19.532 ug/ml
10) T n-Eicosane (C20)	12.608	2195500	19.566 ug/ml
11) T n-Heneicosane (C21)	13.219	2219813	19.519 ug/ml
13) T n-Docosane (C22)	13.805	2209970	19.543 ug/ml
14) T n-Tetracosane (C24)	14.906	2242457	19.602 ug/ml
15) T n-Hexacosane (C26)	15.926	2214896	19.637 ug/ml
16) T n-Octacosane (C28)	16.875	2211982	19.764 ug/ml
17) T n-Tricontane (C30)	17.761	2186869	19.761 ug/ml
18) T n-Dotriacontane (C32)	18.591	2101652	20.029 ug/ml
19) T n-Tetratriacontane (C34)	19.376	2097195	20.820 ug/ml
20) T n-Hexatriacontane (C36)	20.114	1958926	20.688 ug/ml
21) T n-Octatriacontane (C38)	20.857	1830121	21.576 ug/ml
22) T n-Tetracontane (C40)	21.776f	1770612	22.848 ug/ml

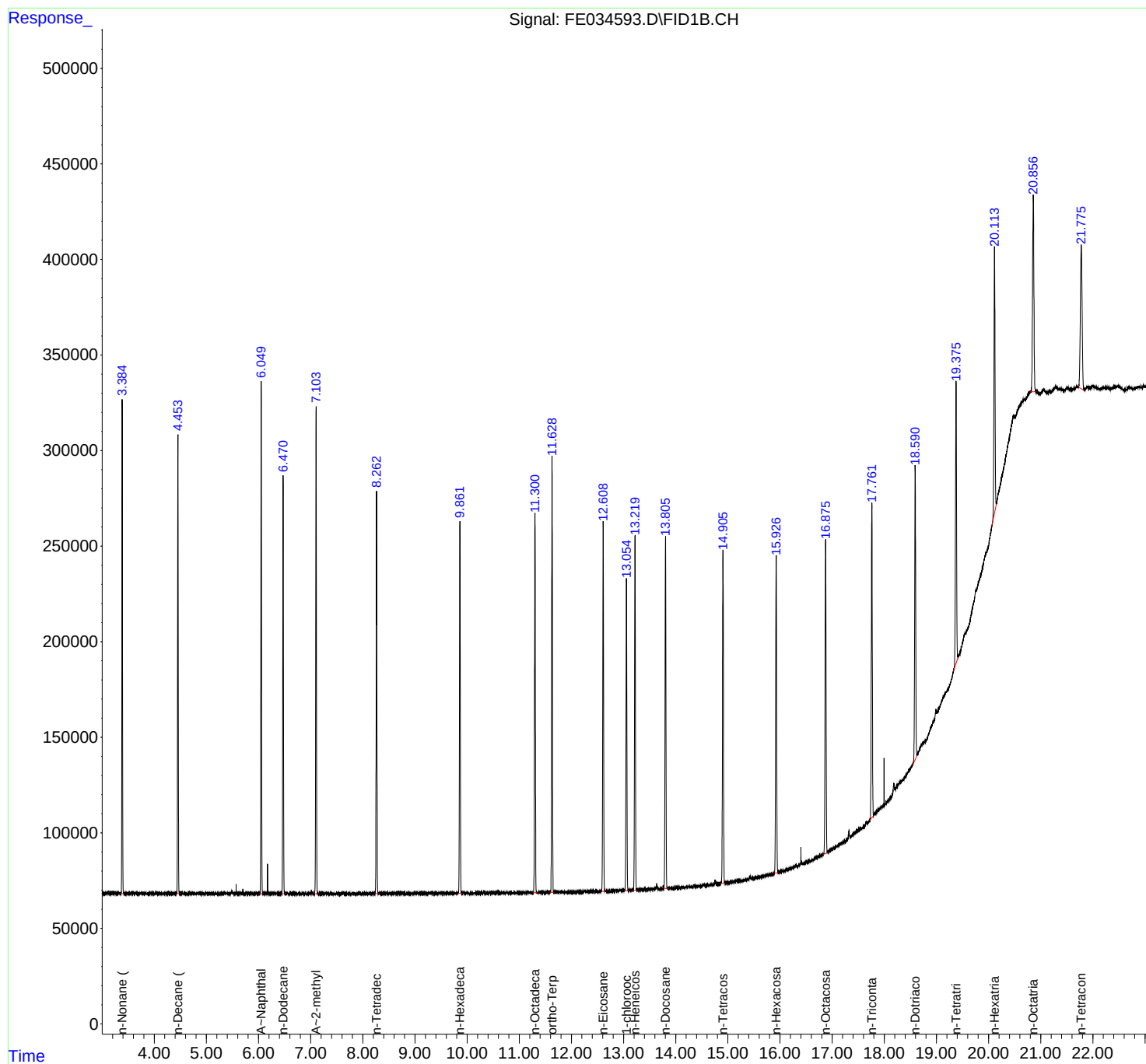
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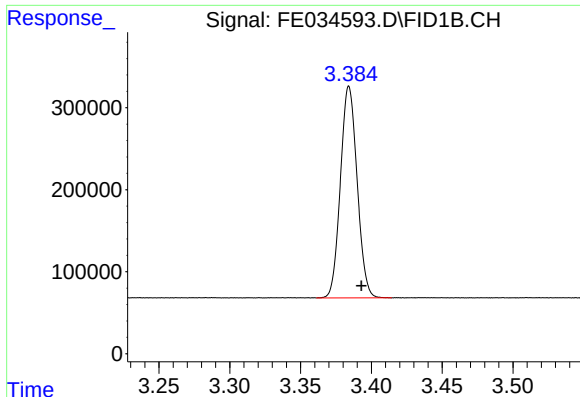
(m)=manual int.

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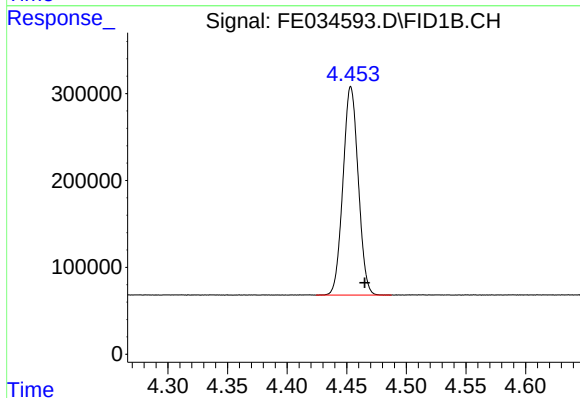
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Signal Info : 20M x 0.18mm x 0.18um





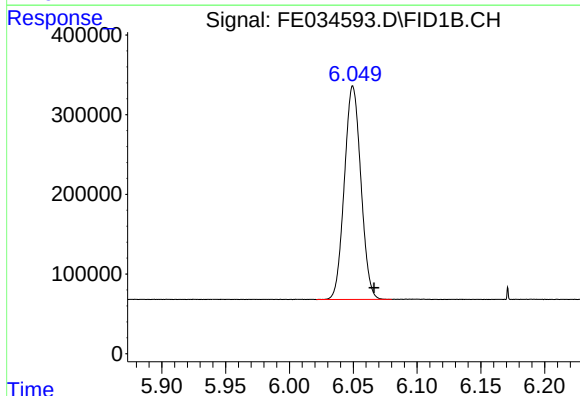
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.009 min
Response: 2117595
Conc: 19.60 ug/ml



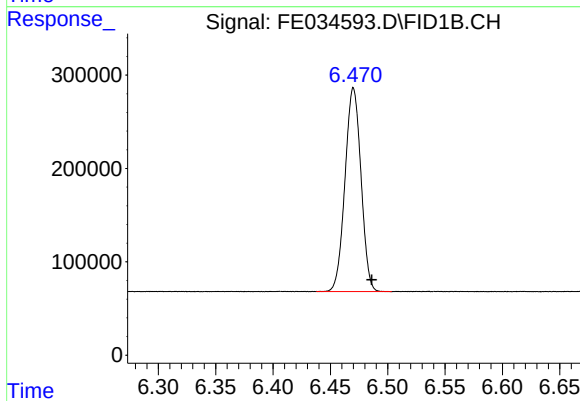
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.011 min
Response: 2135855
Conc: 19.64 ug/ml



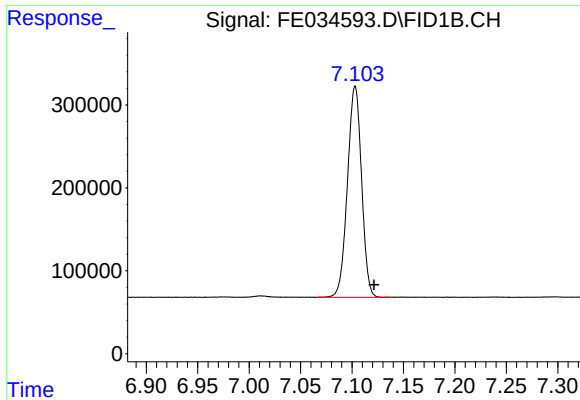
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.017 min
Response: 2415487
Conc: 19.69 ug/ml



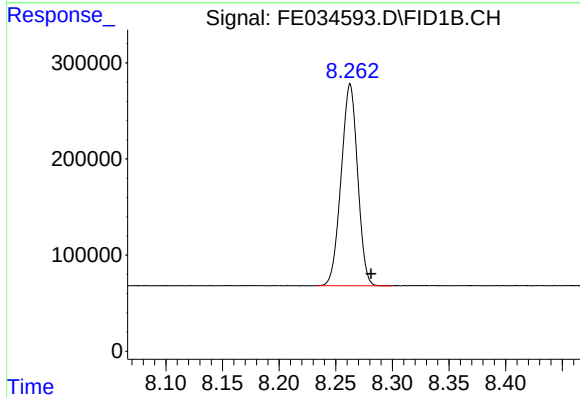
#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: -0.016 min
Response: 2119680
Conc: 19.62 ug/ml



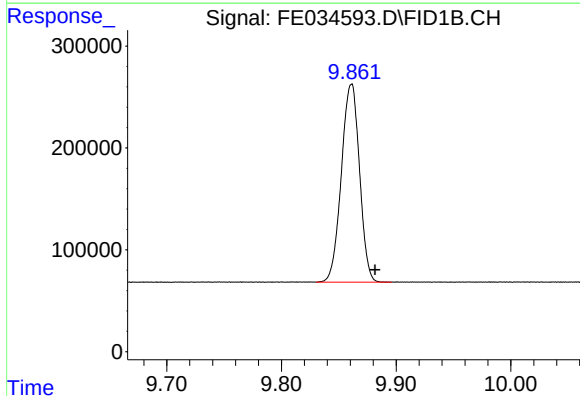
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.018 min
Response: 2428666
Conc: 19.68 ug/ml



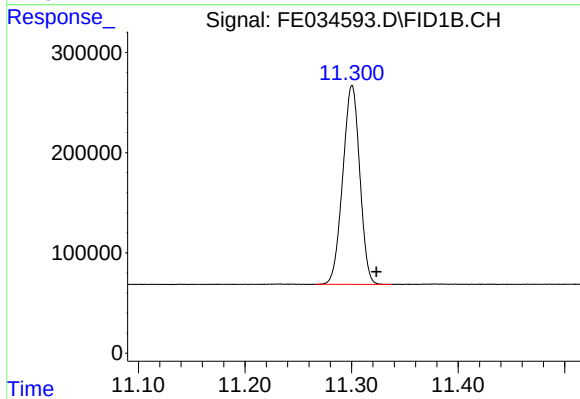
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: -0.019 min
Response: 2127278
Conc: 19.55 ug/ml



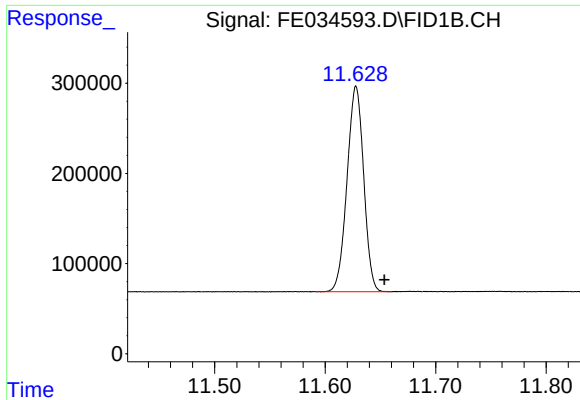
#7 n-Hexadecane (C16)

R.T.: 9.861 min
Delta R.T.: -0.021 min
Response: 2139219
Conc: 19.53 ug/ml



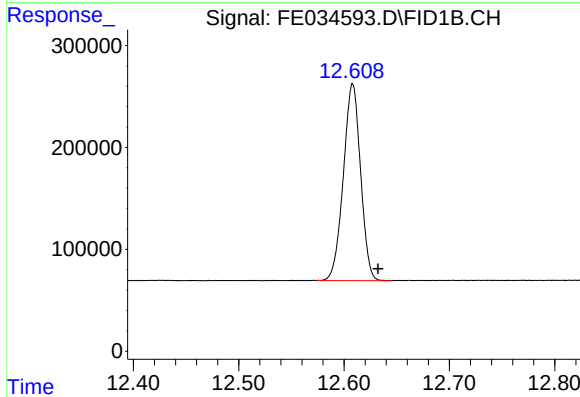
#8 n-Octadecane (C18)

R.T.: 11.300 min
Delta R.T.: -0.023 min
Response: 2201126
Conc: 19.53 ug/ml



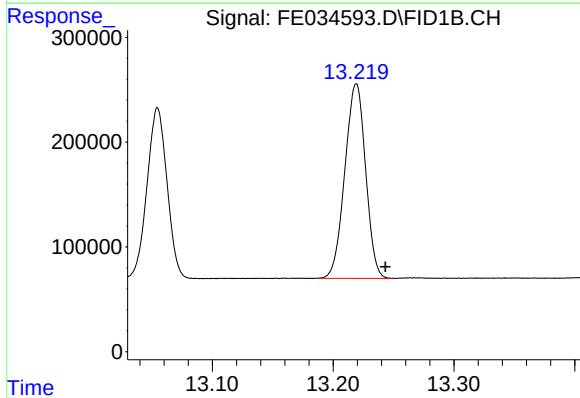
#9 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: -0.026 min
Response: 2382763
Conc: 19.60 ug/ml



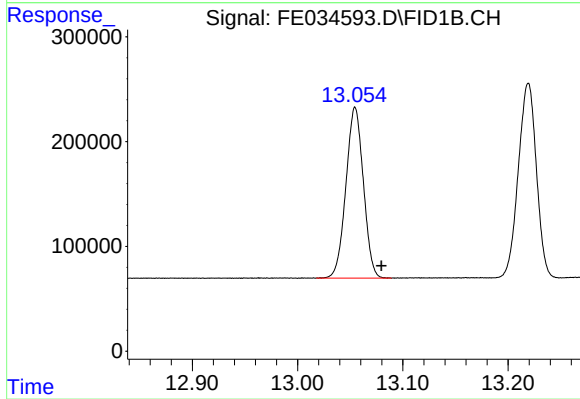
#10 n-Eicosane (C20)

R.T.: 12.608 min
Delta R.T.: -0.024 min
Response: 2195500
Conc: 19.57 ug/ml



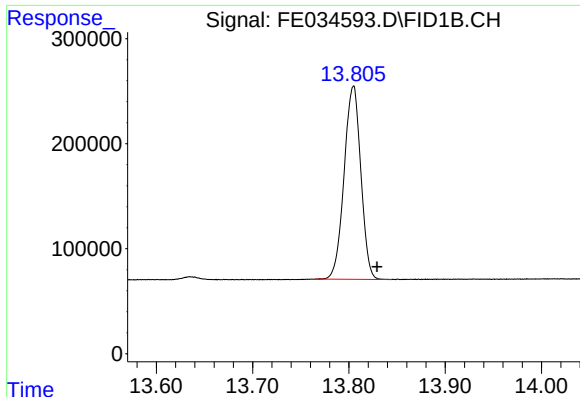
#11 n-Heneicosane (C21)

R.T.: 13.219 min
Delta R.T.: -0.024 min
Response: 2219813
Conc: 19.52 ug/ml



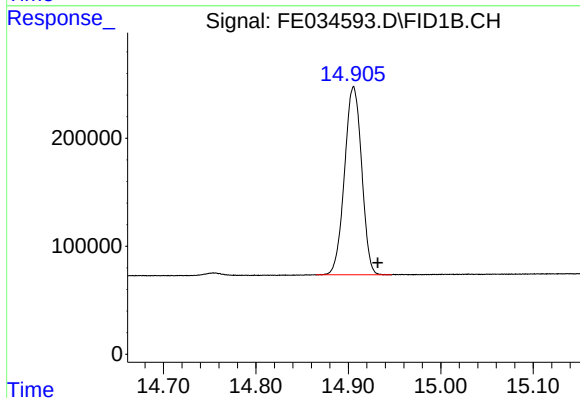
#12 1-chlorooctadecane (SURR)

R.T.: 13.055 min
Delta R.T.: -0.025 min
Response: 1878229
Conc: 19.60 ug/ml



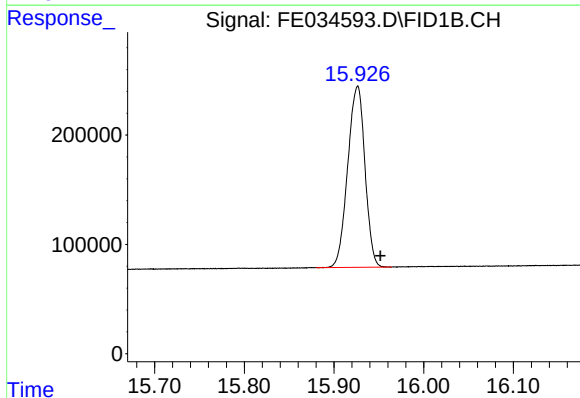
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: -0.024 min
Response: 2209970
Conc: 19.54 ug/ml



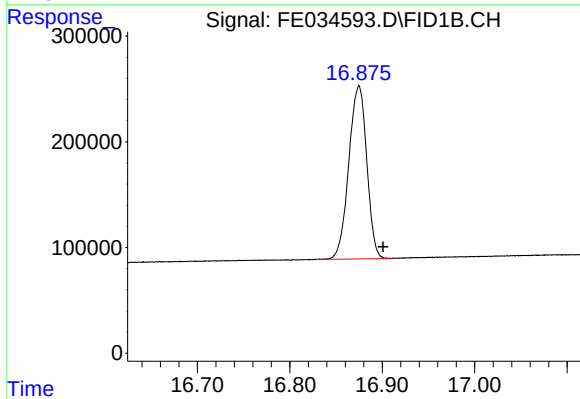
#14 n-Tetracosane (C24)

R.T.: 14.906 min
Delta R.T.: -0.026 min
Response: 2242457
Conc: 19.60 ug/ml



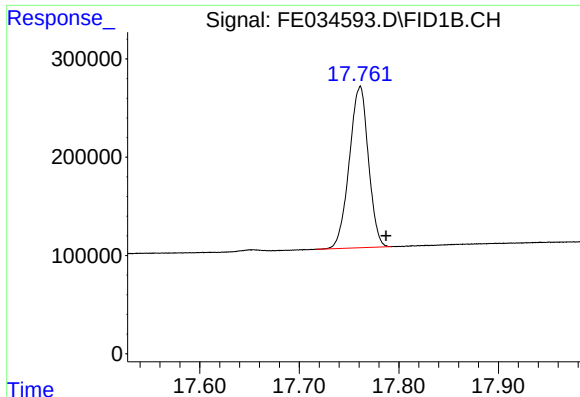
#15 n-Hexacosane (C26)

R.T.: 15.926 min
Delta R.T.: -0.025 min
Response: 2214896
Conc: 19.64 ug/ml



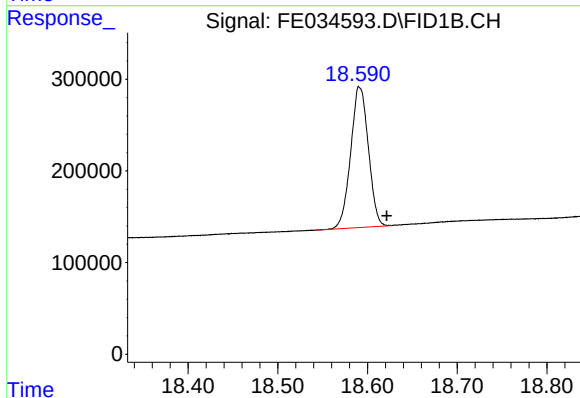
#16 n-Octacosane (C28)

R.T.: 16.875 min
Delta R.T.: -0.026 min
Response: 2211982
Conc: 19.76 ug/ml



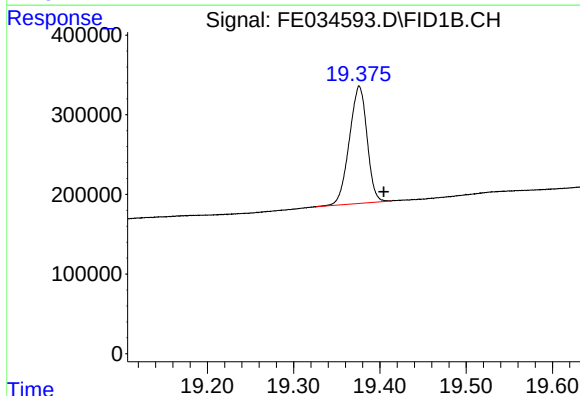
#17 n-Tricontane (C30)

R.T.: 17.761 min
Delta R.T.: -0.026 min
Response: 2186869
Conc: 19.76 ug/ml



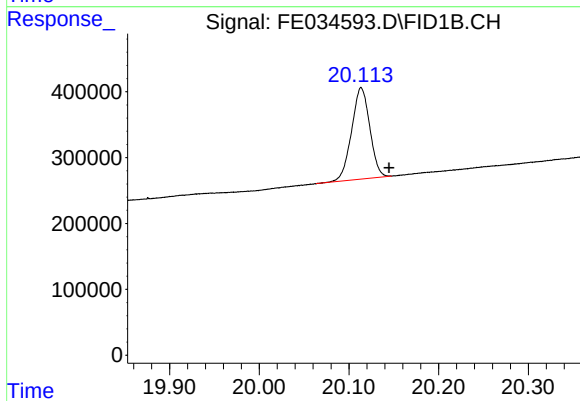
#18 n-Dotriacontane (C32)

R.T.: 18.591 min
Delta R.T.: -0.030 min
Response: 2101652
Conc: 20.03 ug/ml



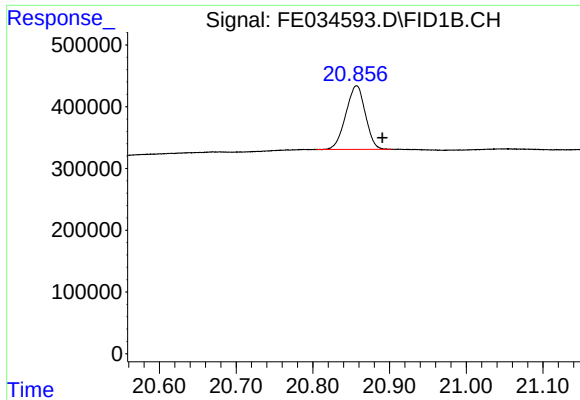
#19 n-Tetratriacontane (C34)

R.T.: 19.376 min
Delta R.T.: -0.028 min
Response: 2097195
Conc: 20.82 ug/ml



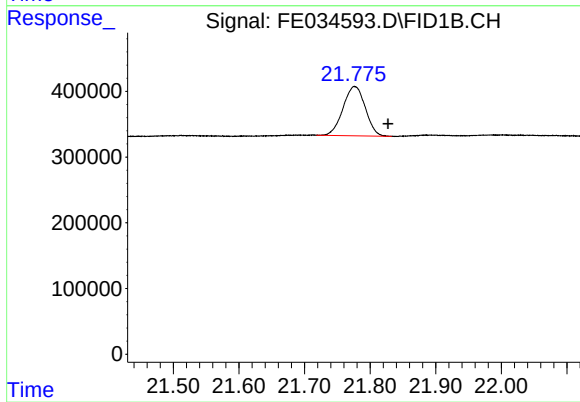
#20 n-Hexatriacontane (C36)

R.T.: 20.114 min
Delta R.T.: -0.031 min
Response: 1958926
Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.857 min
Delta R.T.: -0.034 min
Response: 1830121
Conc: 21.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.776 min
Delta R.T.: -0.051 min
Response: 1770612
Conc: 22.85 ug/ml