

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121321AL\
 Data File : FE034566.D
 Signal(s) : FID1B.CH
 Acq On : 14 Dec 2021 1:11
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 14 05:56:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121321.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 05:55:08 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)	11.649	633448	5.215 ug/ml
Spiked Amount 50.000		Recovery =	10.43%
12) S 1-chlorooctadecane (S...	13.077	496693	5.180 ug/ml
Spiked Amount 50.000		Recovery =	10.36%
Target Compounds			
1) T n-Nonane (C9)	3.391	562797	5.214 ug/ml
2) T n-Decane (C10)	4.463	564845	5.195 ug/ml
3) T A~Naphthalene (C11.7)	6.065	638011	5.196 ug/ml
4) T n-Dodecane (C12)	6.484	560946	5.198 ug/ml
5) T A~2-methylnaphthalene...	7.119	641960	5.200 ug/ml
6) T n-Tetradecane (C14)	8.278	567047	5.224 ug/ml
7) T n-Hexadecane (C16)	9.879	569508	5.207 ug/ml
8) T n-Octadecane (C18)	11.319	584991	5.199 ug/ml
10) T n-Eicosane (C20)	12.629	582604	5.187 ug/ml
11) T n-Heneicosane (C21)	13.240	591469	5.201 ug/ml
13) T n-Docosane (C22)	13.826	586189	5.174 ug/ml
14) T n-Tetracosane (C24)	14.928	592713	5.160 ug/ml
15) T n-Hexacosane (C26)	15.950	583285	5.152 ug/ml
16) T n-Octacosane (C28)	16.898	579038	5.142 ug/ml
17) T n-Tricontane (C30)	17.786	580755	5.205 ug/ml
18) T n-Dotriacontane (C32)	18.618	539177	5.053 ug/ml
19) T n-Tetratriacontane (C34)	19.401	517761	5.048 ug/ml
20) T n-Hexatriacontane (C36)	20.142	500712	5.221 ug/ml
21) T n-Octatriacontane (C38)	20.889	454532	5.322 ug/mlm
22) T n-Tetracontane (C40)	21.821	403110	5.110 ug/mlm

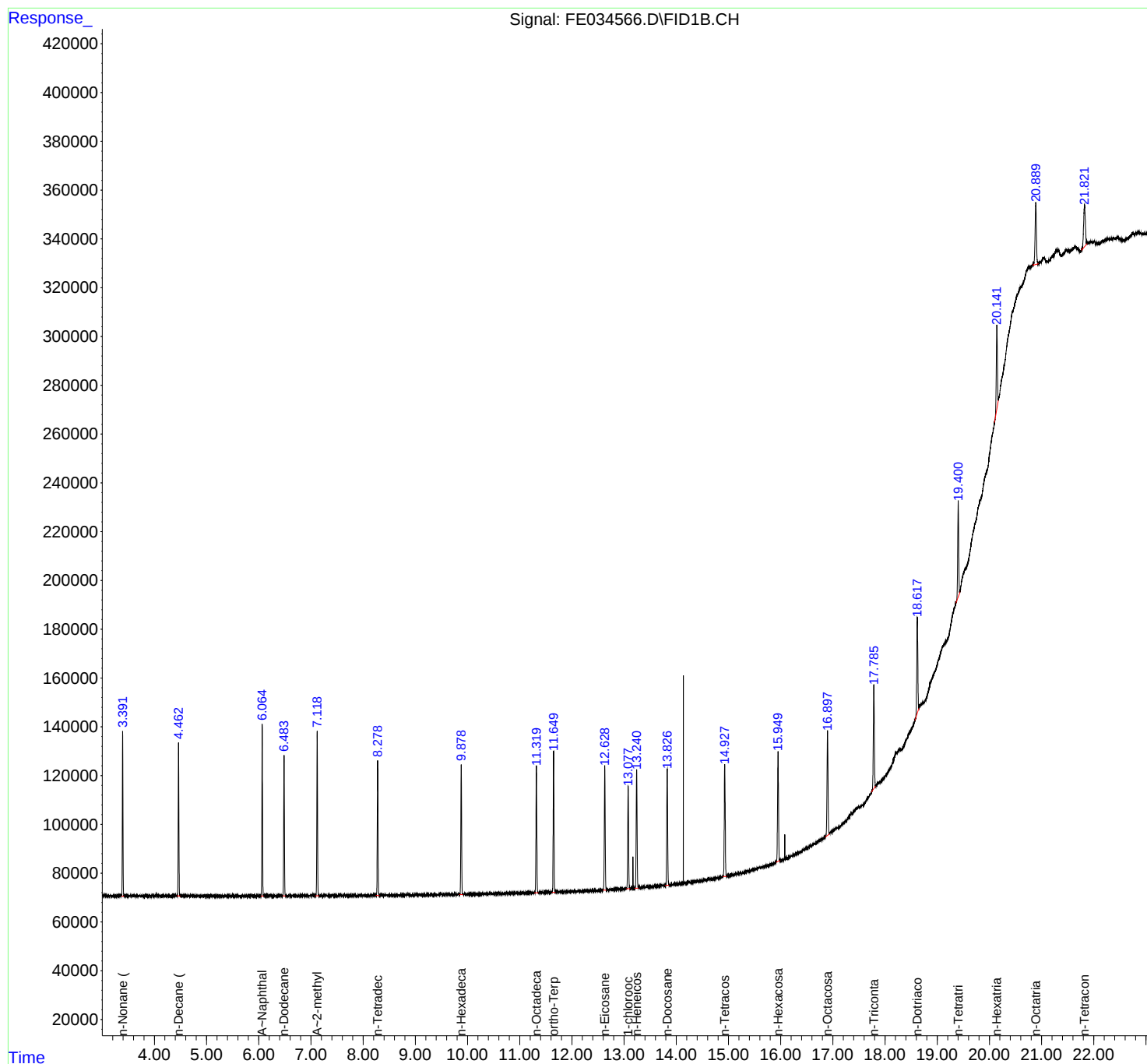
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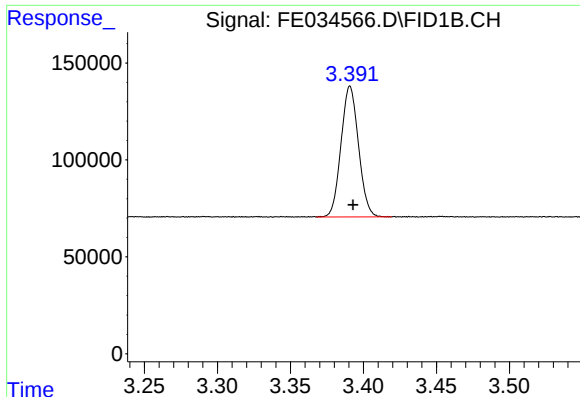
(m)=manual int.

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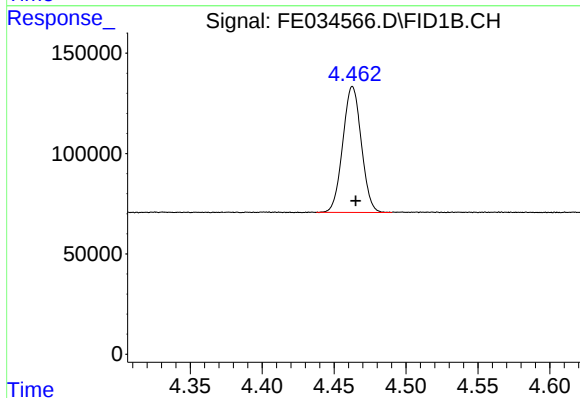
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Signal Info : 20M x 0.18mm x 0.18um





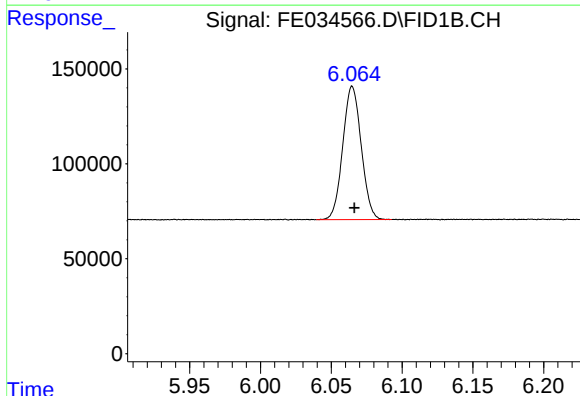
#1 n-Nonane (C9)

R.T.: 3.391 min
Delta R.T.: -0.002 min
Response: 562797
Conc: 5.21 ug/ml



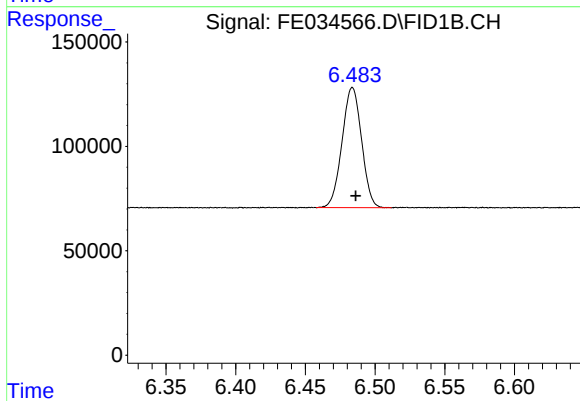
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.002 min
Response: 564845
Conc: 5.20 ug/ml



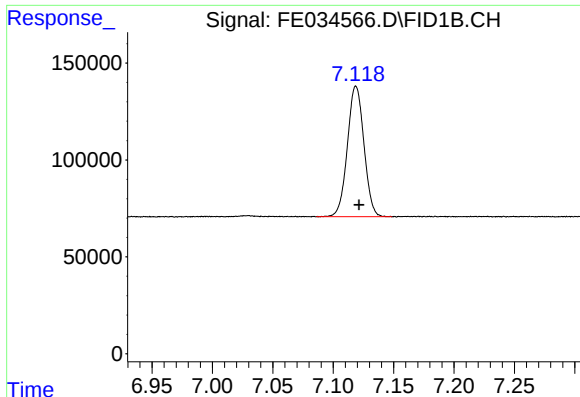
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 638011
Conc: 5.20 ug/ml



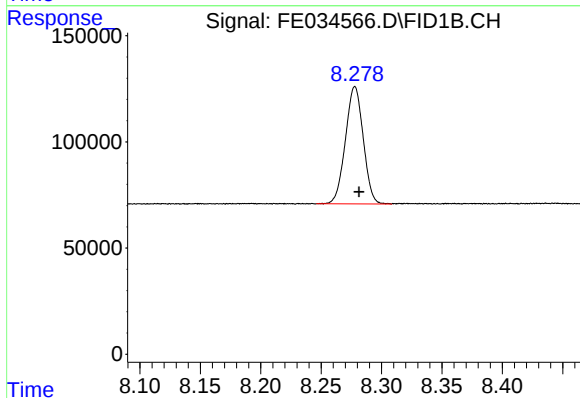
#4 n-Dodecane (C12)

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 560946
Conc: 5.20 ug/ml



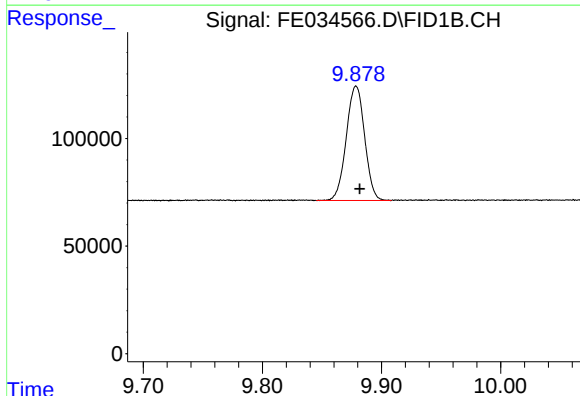
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: -0.003 min
Response: 641960
Conc: 5.20 ug/ml



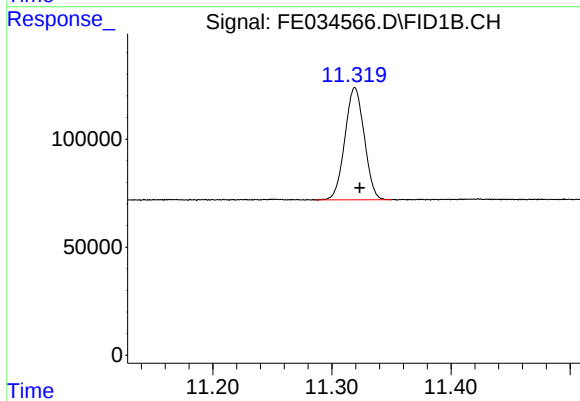
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 567047
Conc: 5.22 ug/ml



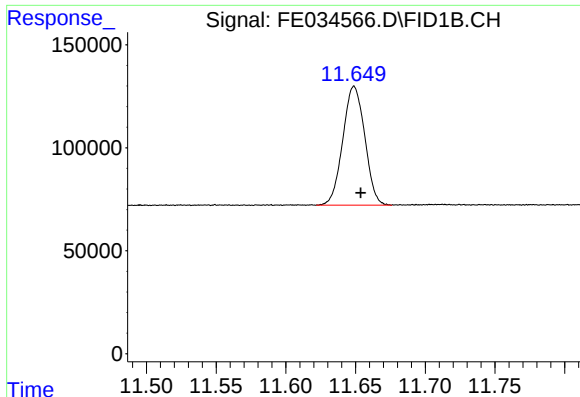
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: -0.003 min
Response: 569508
Conc: 5.21 ug/ml



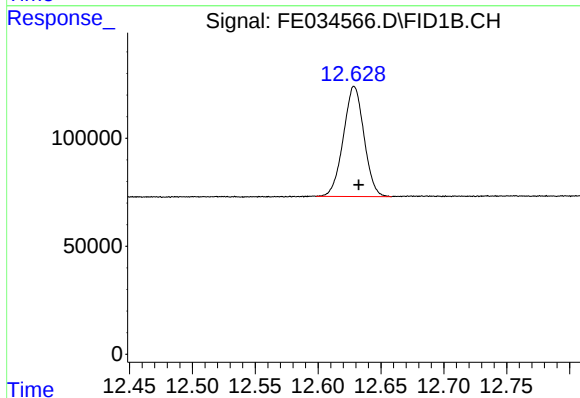
#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: -0.004 min
Response: 584991
Conc: 5.20 ug/ml



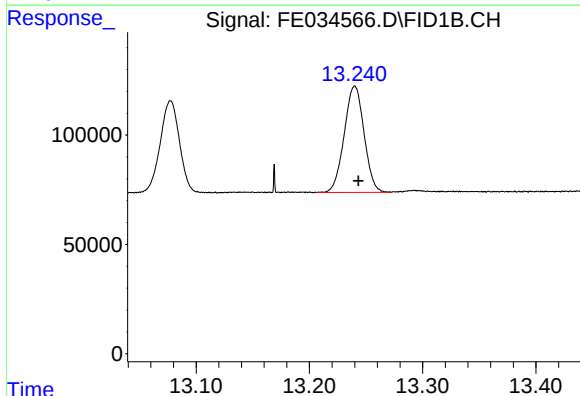
#9 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: -0.005 min
Response: 633448
Conc: 5.22 ug/ml



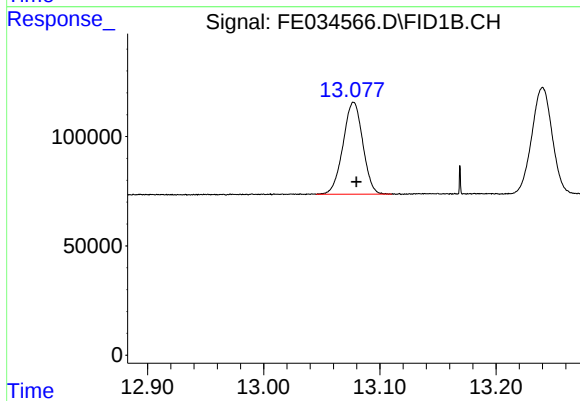
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: -0.003 min
Response: 582604
Conc: 5.19 ug/ml



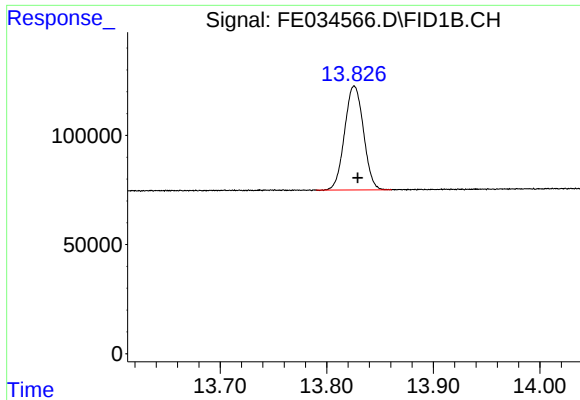
#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: -0.003 min
Response: 591469
Conc: 5.20 ug/ml



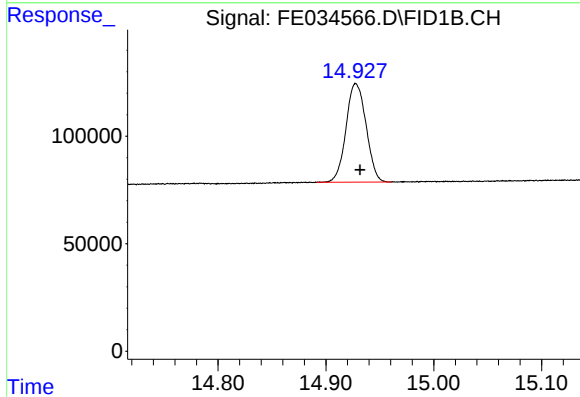
#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 496693
Conc: 5.18 ug/ml



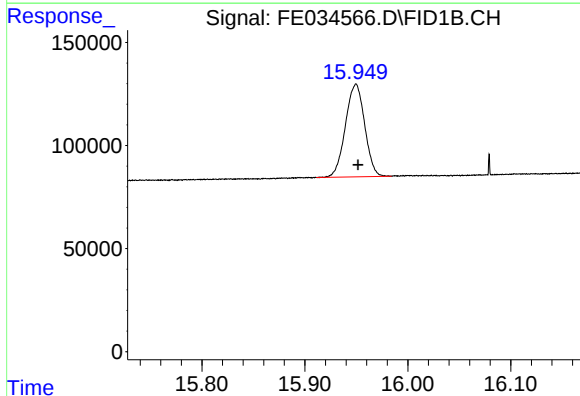
#13 n-Docosane (C22)

R.T.: 13.826 min
Delta R.T.: -0.003 min
Response: 586189
Conc: 5.17 ug/ml



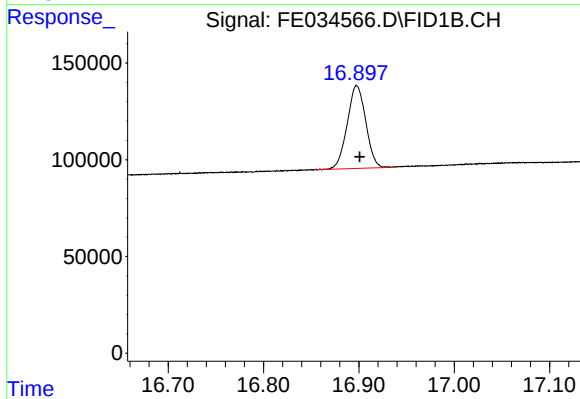
#14 n-Tetracosane (C24)

R.T.: 14.928 min
Delta R.T.: -0.004 min
Response: 592713
Conc: 5.16 ug/ml



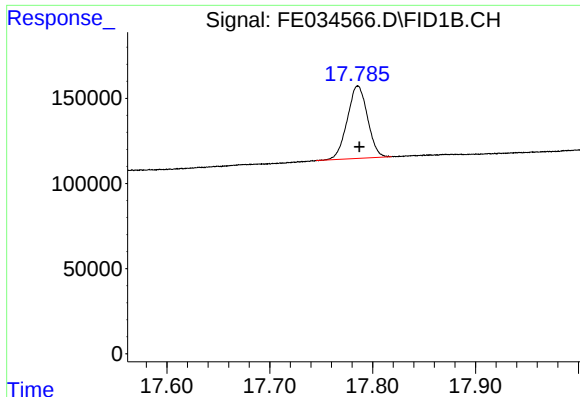
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: -0.002 min
Response: 583285
Conc: 5.15 ug/ml



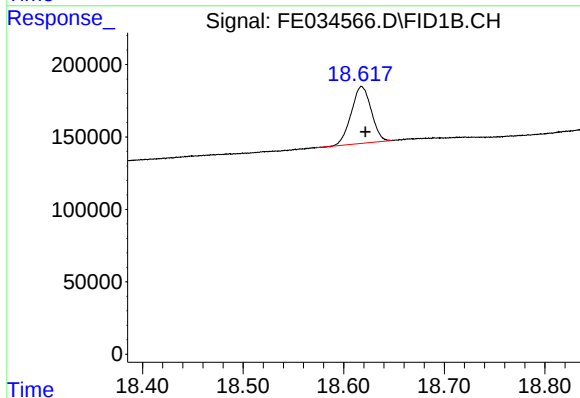
#16 n-Octacosane (C28)

R.T.: 16.898 min
Delta R.T.: -0.003 min
Response: 579038
Conc: 5.14 ug/ml



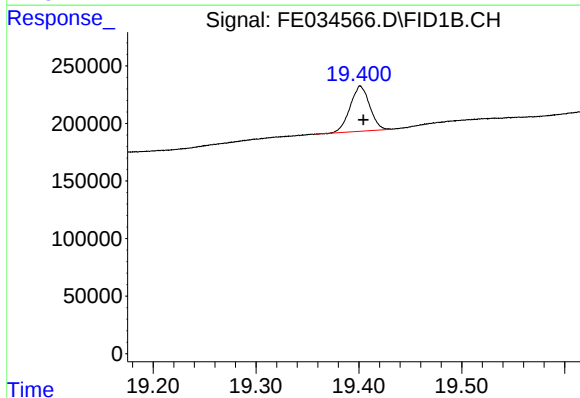
#17 n-Tricontane (C30)

R.T.: 17.786 min
Delta R.T.: -0.002 min
Response: 580755
Conc: 5.21 ug/ml



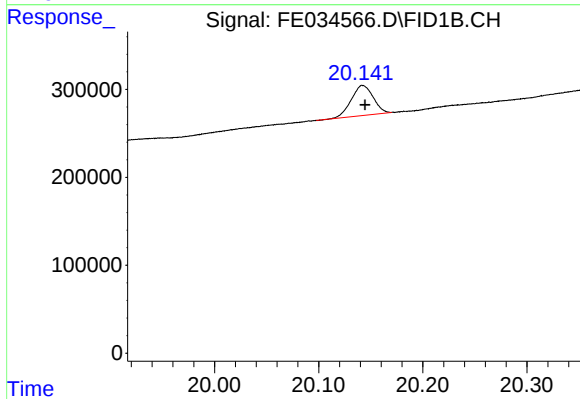
#18 n-Dotriacontane (C32)

R.T.: 18.618 min
Delta R.T.: -0.003 min
Response: 539177
Conc: 5.05 ug/ml



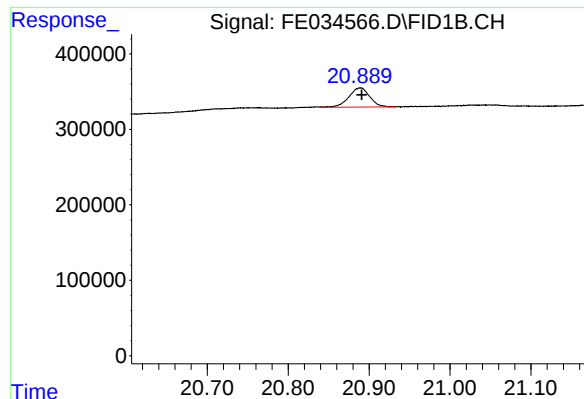
#19 n-Tetratriacontane (C34)

R.T.: 19.401 min
Delta R.T.: -0.003 min
Response: 517761
Conc: 5.05 ug/ml



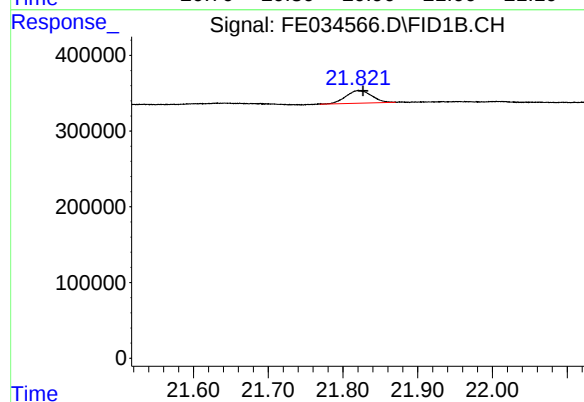
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min
Delta R.T.: -0.002 min
Response: 500712
Conc: 5.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.889 min
Delta R.T.: -0.002 min
Response: 454532
Conc: 5.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.821 min
Delta R.T.: -0.006 min
Response: 403110
Conc: 5.11 ug/ml m