

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110722AL\
 Data File : FE038621.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2022 03:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 08 04:31:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.965	2932521	17.042 ug/ml
Spiked Amount 50.000		Recovery =	34.08%
12) S 1-chlorooctadecane (S...	13.399	2297948	16.785 ug/ml
Spiked Amount 50.000		Recovery =	33.57%
Target Compounds			
1) T n-Nonane (C9)	3.362	2834960	18.407 ug/ml
2) T n-Decane (C10)	4.611	2888929	18.612 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3060018	18.069 ug/ml
4) T n-Dodecane (C12)	6.773	2881103	18.443 ug/ml
5) T A~2-methylnaphthalene...	7.408	2982414	17.796 ug/ml
6) T n-Tetradecane (C14)	8.598	2844573	18.189 ug/ml
7) T n-Hexadecane (C16)	10.204	2830052	17.913 ug/ml
8) T n-Octadecane (C18)	11.646	2804320	17.507 ug/ml
10) T n-Eicosane (C20)	12.954	2748765	17.060 ug/ml
11) T n-Heneicosane (C21)	13.567	2720581	16.842 ug/ml
13) T n-Docosane (C22)	14.152	2708756	16.779 ug/ml
14) T n-Tetracosane (C24)	15.253	2654278	16.548 ug/ml
15) T n-Hexacosane (C26)	16.273	2637966	16.608 ug/ml
16) T n-Octacosane (C28)	17.223	2700856	17.215 ug/ml
17) T n-Tricontane (C30)	18.111	2930145	18.364 ug/mlm
18) T n-Dotriacontane (C32)	18.942	3069078	19.465 ug/mlm
19) T n-Tetratriacontane (C34)	19.725	2919343	19.802 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	2938811	20.568 ug/ml
21) T n-Octatriacontane (C38)	21.207	2899214	21.465 ug/mlm
22) T n-Tetracontane (C40)	22.137	3146431	24.926 ug/mlm

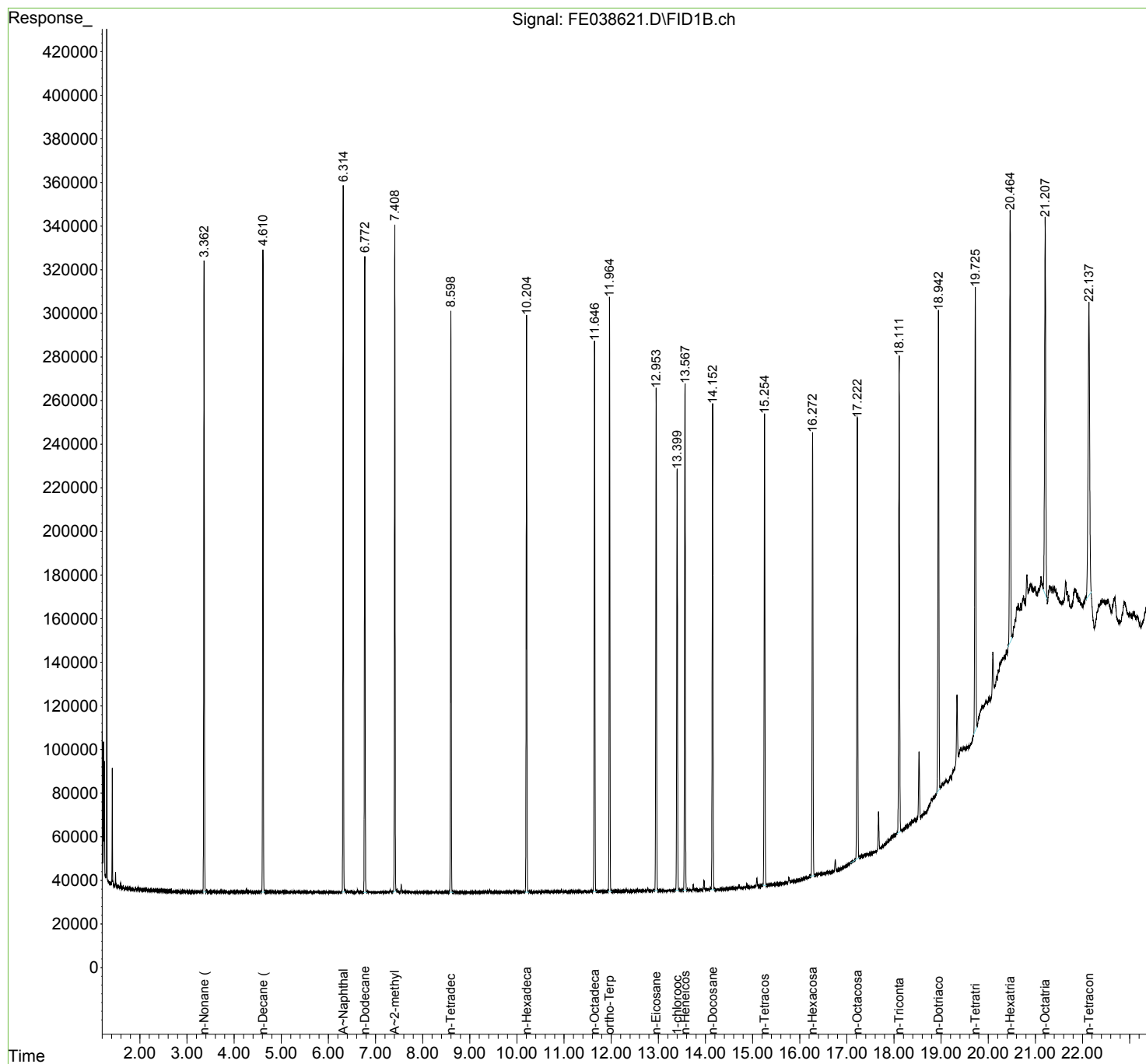
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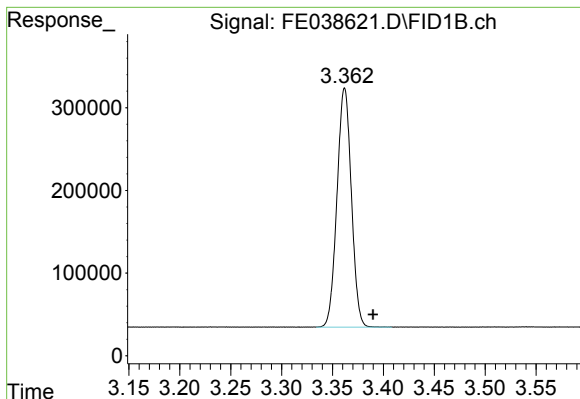
(m)=manual int.

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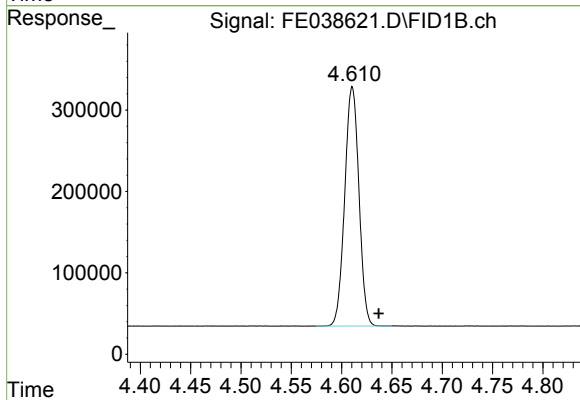
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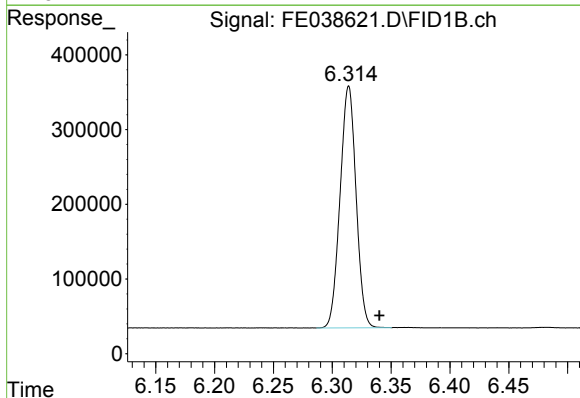
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.028 min
Response: 2834960
Conc: 18.41 ug/ml



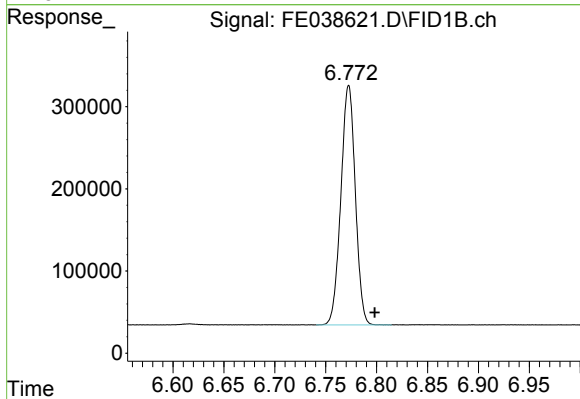
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.026 min
Response: 2888929
Conc: 18.61 ug/ml



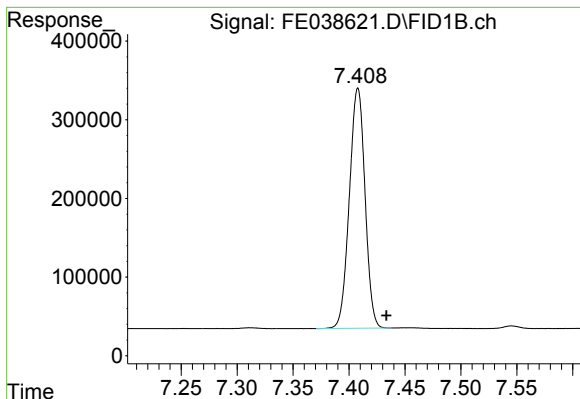
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.026 min
Response: 3060018
Conc: 18.07 ug/ml



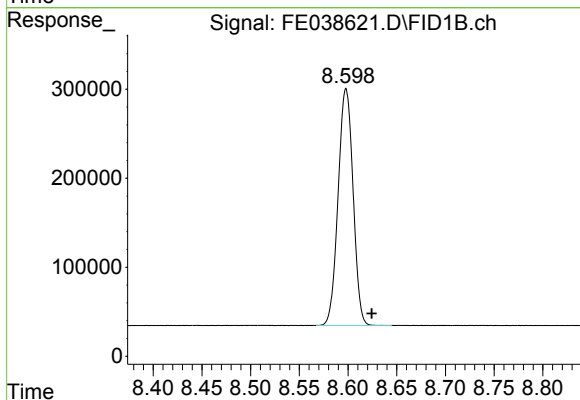
#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.026 min
Response: 2881103
Conc: 18.44 ug/ml



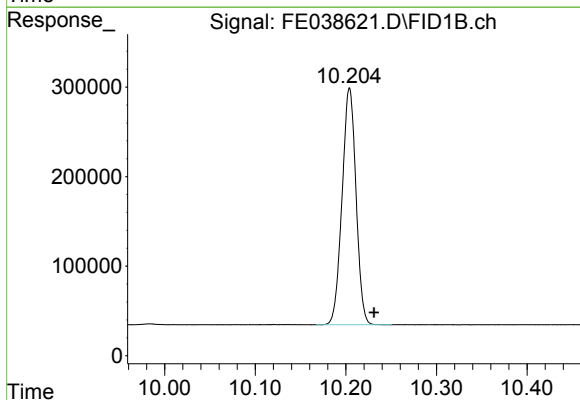
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: -0.026 min
Response: 2982414
Conc: 17.80 ug/ml



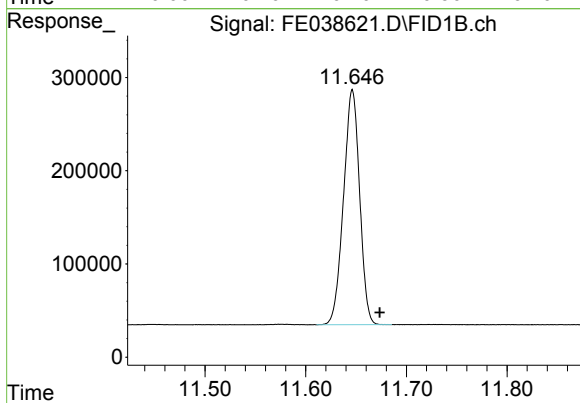
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.026 min
Response: 2844573
Conc: 18.19 ug/ml



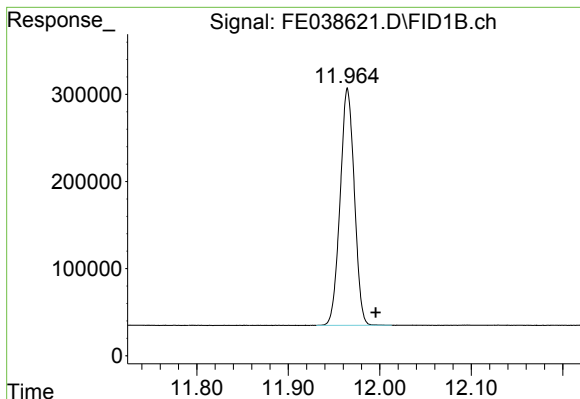
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.027 min
Response: 2830052
Conc: 17.91 ug/ml



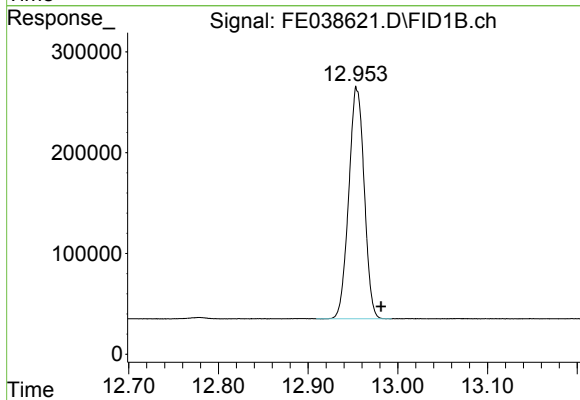
#8 n-Octadecane (C18)

R.T.: 11.646 min
Delta R.T.: -0.027 min
Response: 2804320
Conc: 17.51 ug/ml



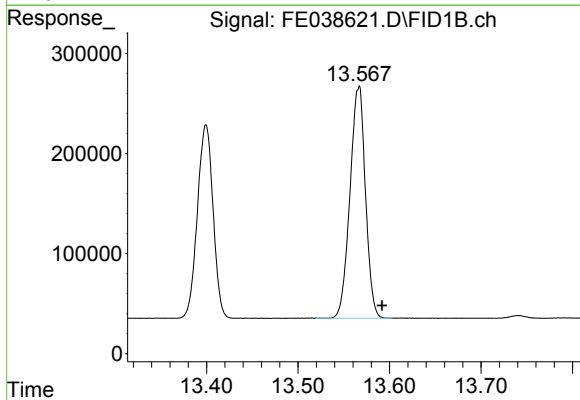
#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.031 min
Response: 2932521
Conc: 17.04 ug/ml



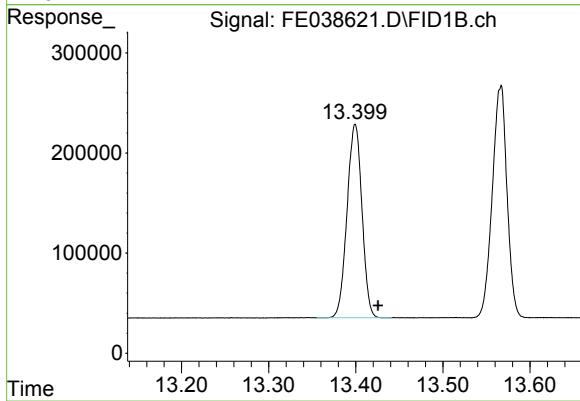
#10 n-Eicosane (C20)

R.T.: 12.954 min
Delta R.T.: -0.027 min
Response: 2748765
Conc: 17.06 ug/ml



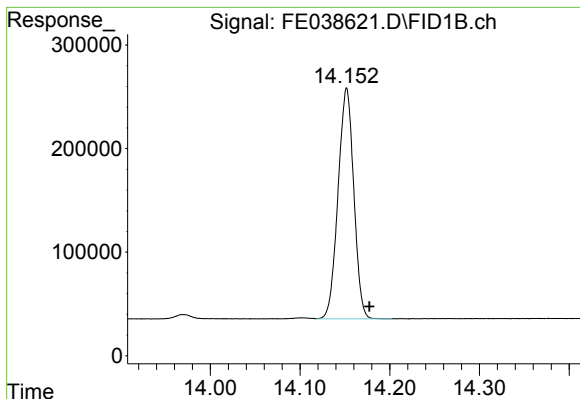
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.026 min
Response: 2720581
Conc: 16.84 ug/ml



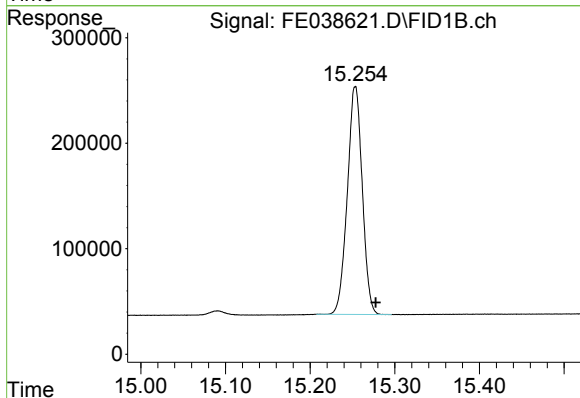
#12 1-chlorooctadecane (SURR)

R.T.: 13.399 min
Delta R.T.: -0.026 min
Response: 2297948
Conc: 16.79 ug/ml



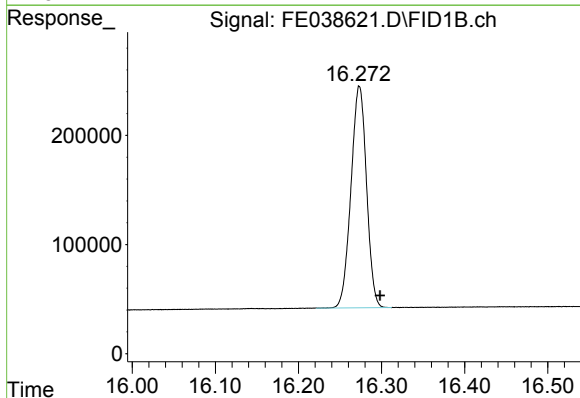
#13 n-Docosane (C22)

R.T.: 14.152 min
Delta R.T.: -0.025 min
Response: 2708756
Conc: 16.78 ug/ml



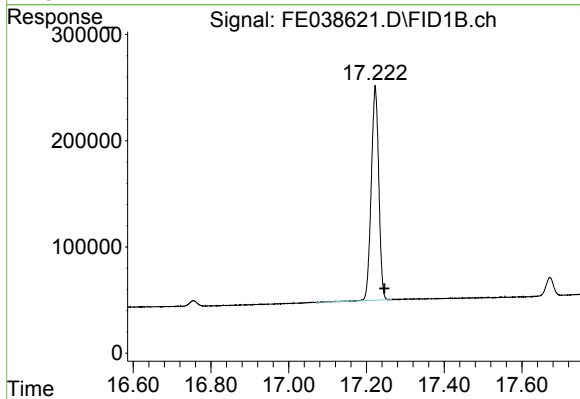
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: -0.024 min
Response: 2654278
Conc: 16.55 ug/ml



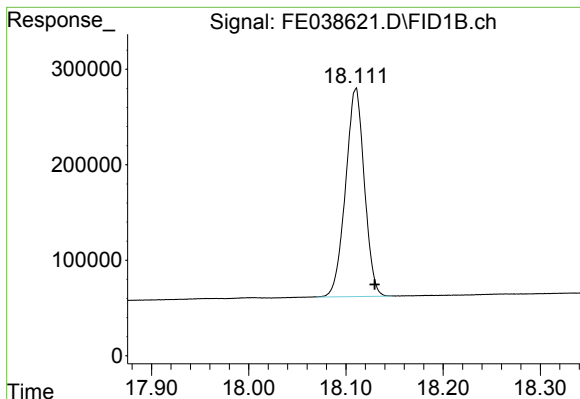
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.025 min
Response: 2637966
Conc: 16.61 ug/ml



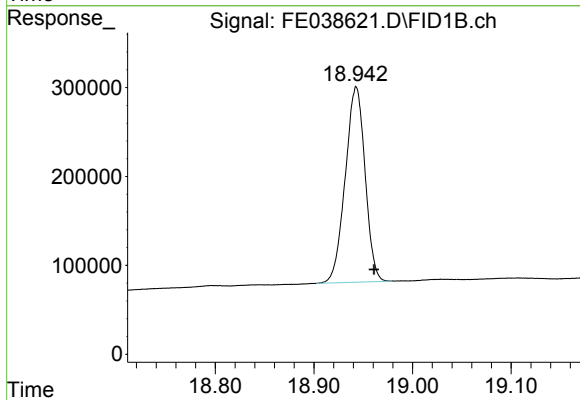
#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.023 min
Response: 2700856
Conc: 17.21 ug/ml



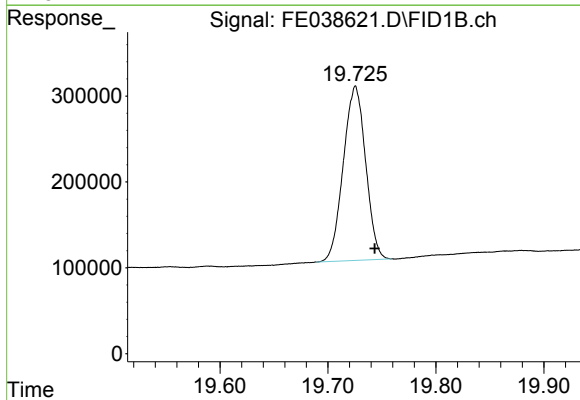
#17 n-Tricontane (C30)

R.T.: 18.111 min
Delta R.T.: -0.019 min
Response: 2930145
Conc: 18.36 ug/ml m



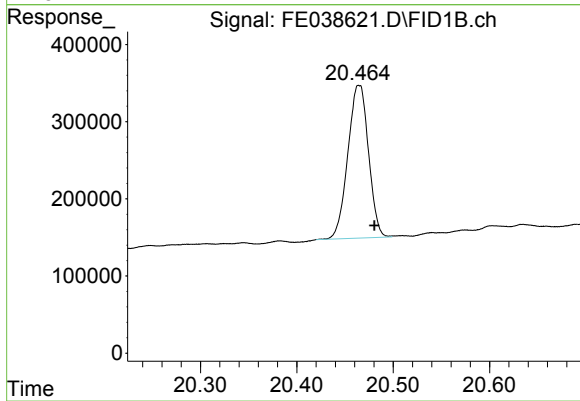
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.019 min
Response: 3069078
Conc: 19.47 ug/ml m



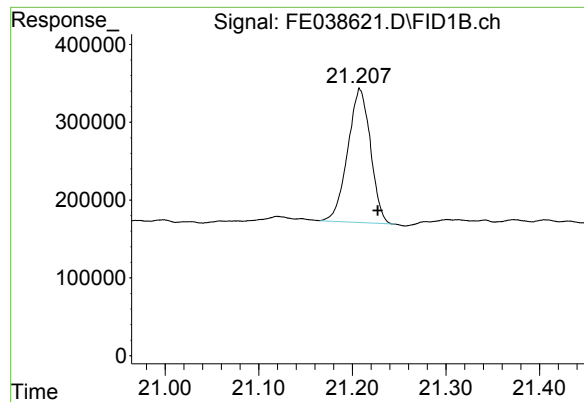
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.018 min
Response: 2919343
Conc: 19.80 ug/ml m



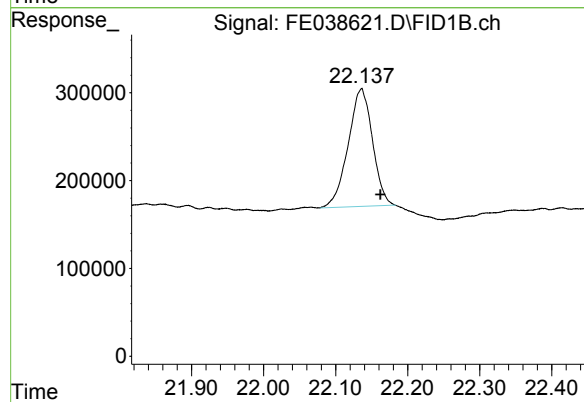
#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.016 min
Response: 2938811
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 2899214
Conc: 21.47 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: -0.026 min
Response: 3146431
Conc: 24.93 ug/ml m