

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE055000.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 21:25
 Operator : YP\AJ
 Sample : Q2676-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-02-07222025

Integration File: autoint1.e
 Quant Time: Jul 24 04:37:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.088	4562928	28.098 ug/ml
Spiked Amount 50.000		Recovery =	56.20%
12) S 1-chlorooctadecane (S...	13.525	4473769	35.424 ug/ml
Spiked Amount 50.000		Recovery =	70.85%
Target Compounds			
2) T n-Decane (C10)	4.682	44528	0.326 ug/ml
3) T A~Naphthalene (C11.7)	6.405	110282	0.728 ug/ml
4) T n-Dodecane (C12)	6.858	269996	1.968 ug/ml
5) T A~2-methylnaphthalene...	7.506	202630	1.378 ug/ml
6) T n-Tetradecane (C14)	8.695	436840	3.151 ug/ml
7) T n-Hexadecane (C16)	10.311	369921	2.596 ug/ml
8) T n-Octadecane (C18)	11.759	259451	1.770 ug/ml
10) T n-Eicosane (C20)	13.073	491489	3.418 ug/ml
11) T n-Heneicosane (C21)	13.706	620322	4.343 ug/ml
13) T n-Docosane (C22)	14.278	361520	2.532 ug/ml
14) T n-Tetracosane (C24)	15.380	1505112	10.354 ug/ml
15) T n-Hexacosane (C26)	16.411	255535	1.766 ug/ml
16) T n-Octacosane (C28)	17.364	375204	2.575 ug/ml
17) T n-Tricontane (C30)	18.256	1071504	6.800 ug/ml
18) T n-Dotriacontane (C32)	19.093	775168	4.791 ug/ml
19) T n-Tetratriacontane (C34)	19.876	454993	2.986 ug/ml
20) T n-Hexatriacontane (C36)	20.622	150902	1.122 ug/ml
21) T n-Octatriacontane (C38)	21.408	888534	7.576 ug/ml
22) T n-Tetracontane (C40)	22.417	709653	6.548 ug/ml

(f)=RT Delta > 1/2 Window

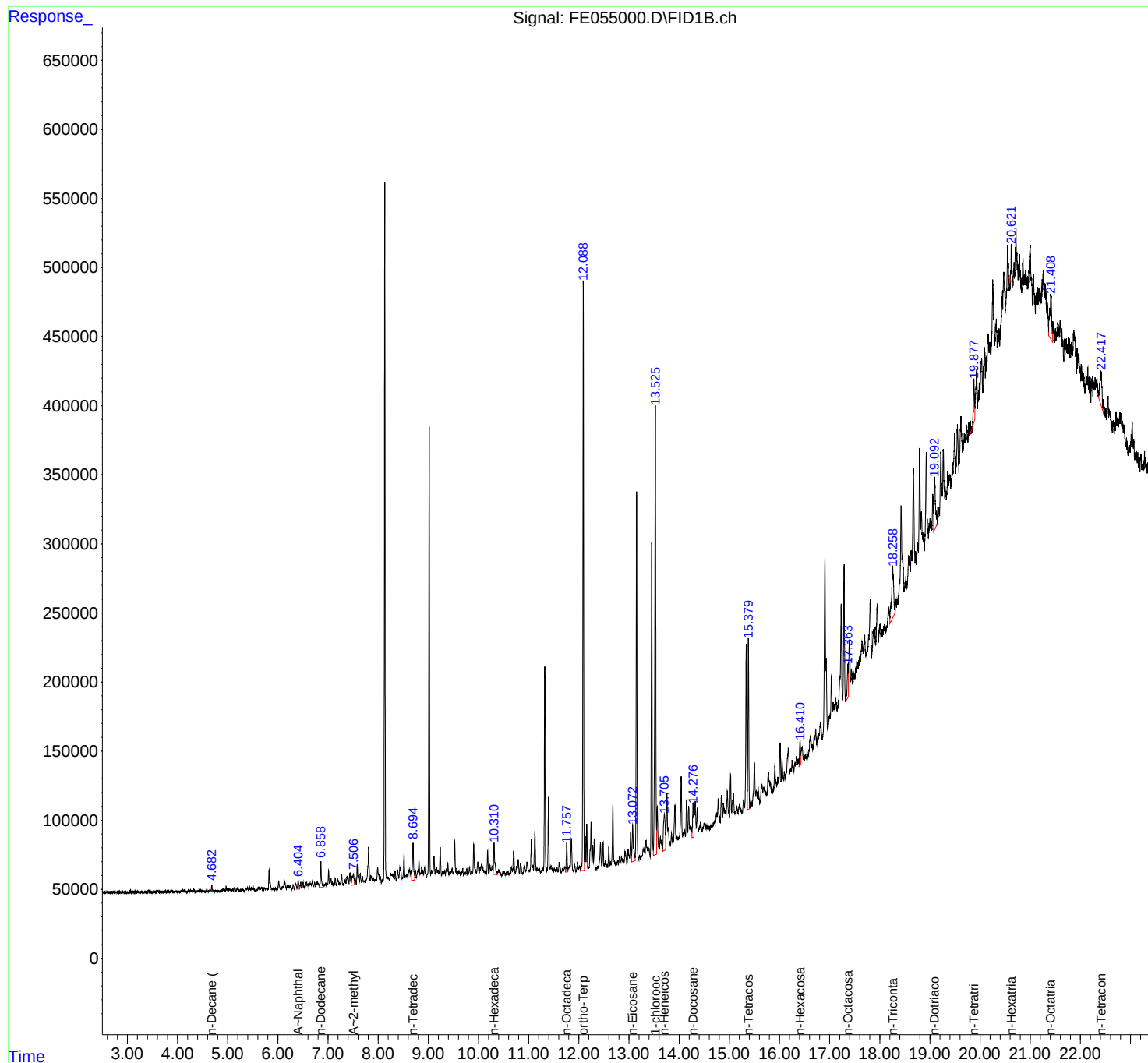
(m)=manual int.

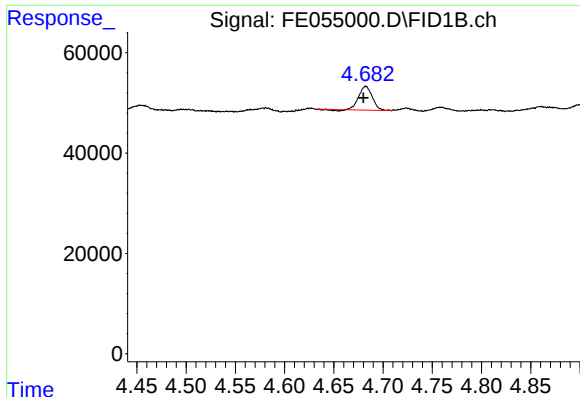
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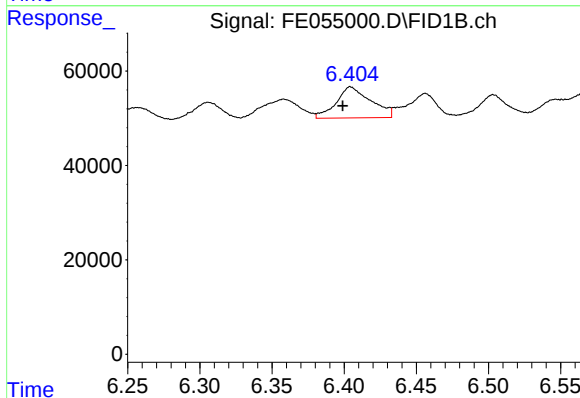




#2 n-Decane (C10)

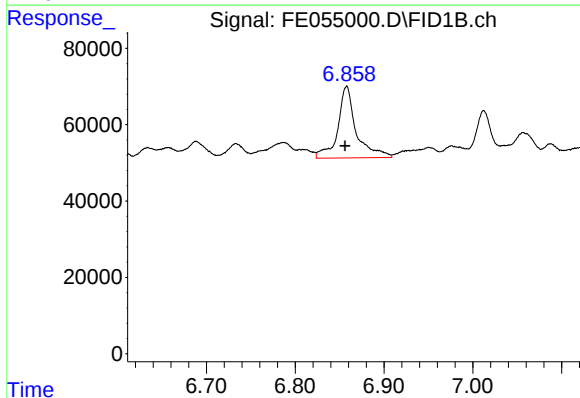
R.T.: 4.682 min
Delta R.T.: 0.002 min
Response: 44528
Conc: 0.33 ug/ml

Instrument :
FID_E
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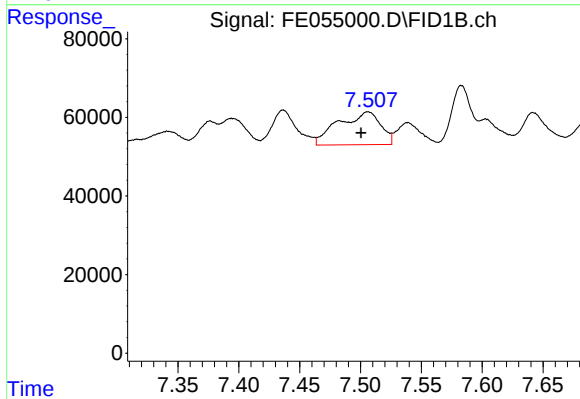
#3 A~Naphthalene (C11.7)

R.T.: 6.405 min
Delta R.T.: 0.006 min
Response: 110282
Conc: 0.73 ug/ml



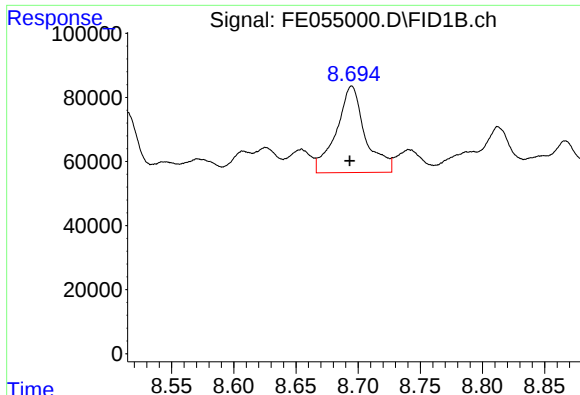
#4 n-Dodecane (C12)

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 269996
Conc: 1.97 ug/ml



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

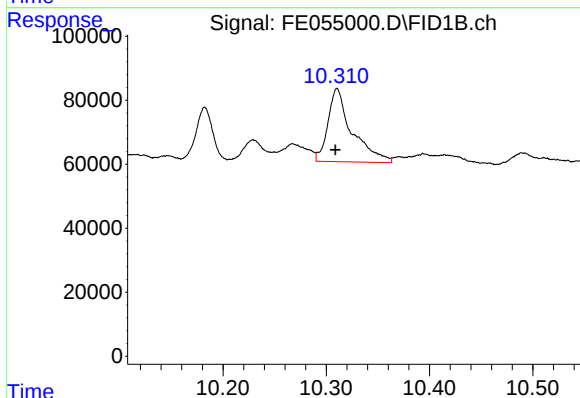
R.T.: 7.506 min
Delta R.T.: 0.006 min
Response: 202630
Conc: 1.38 ug/ml



#6 n-Tetradecane (C14)

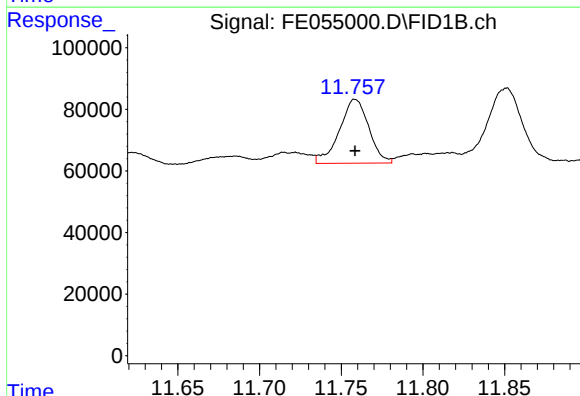
R.T.: 8.695 min
Delta R.T.: 0.001 min
Response: 436840
Conc: 3.15 ug/ml

Instrument :
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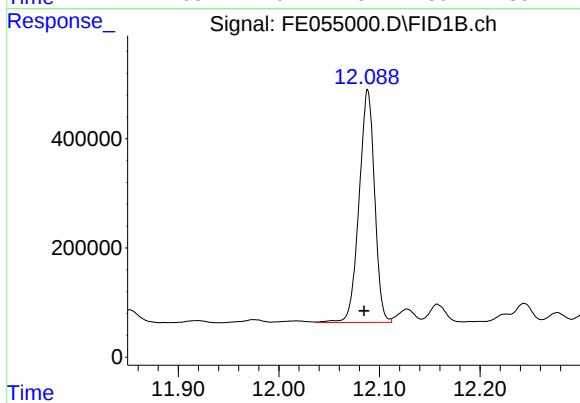
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.002 min
Response: 369921
Conc: 2.60 ug/ml



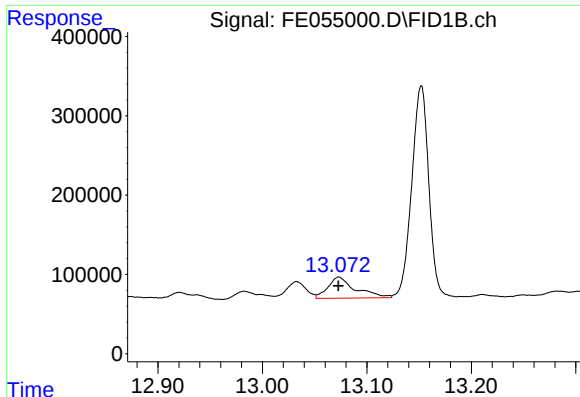
#8 n-Octadecane (C18)

R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 259451
Conc: 1.77 ug/ml



#9 ortho-Terphenyl (SURR)

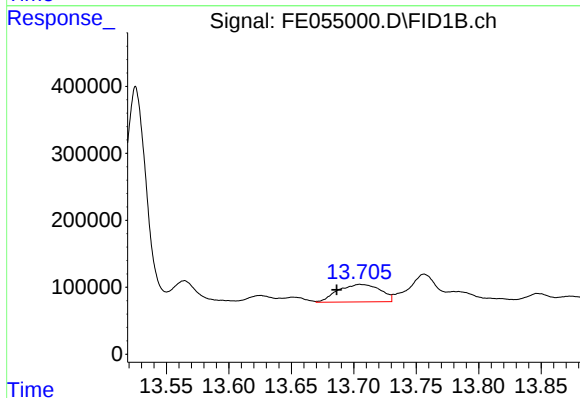
R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 4562928
Conc: 28.10 ug/ml



#10 n-Eicosane (C20)

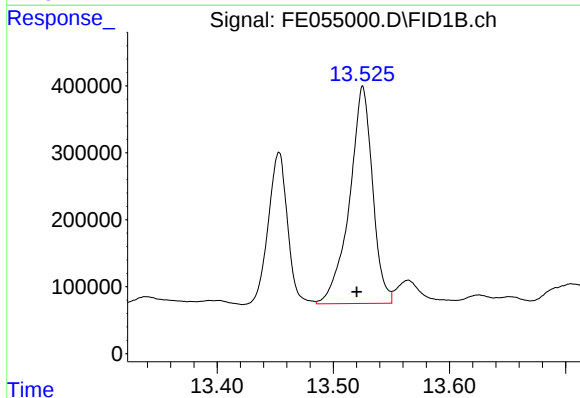
R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 491489
Conc: 3.42 ug/ml

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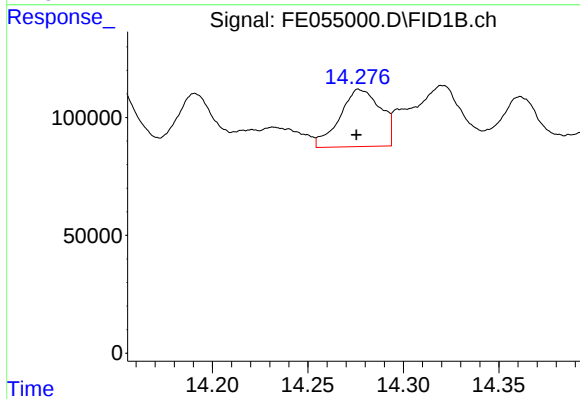
#11 n-Heneicosane (C21)

R.T.: 13.706 min
Delta R.T.: 0.020 min
Response: 620322
Conc: 4.34 ug/ml



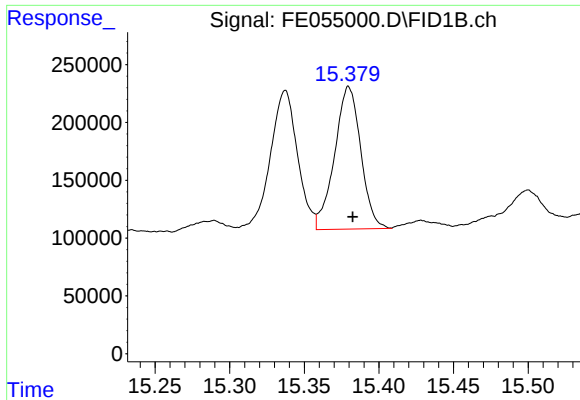
#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 4473769
Conc: 35.42 ug/ml



#13 n-Docosane (C22)

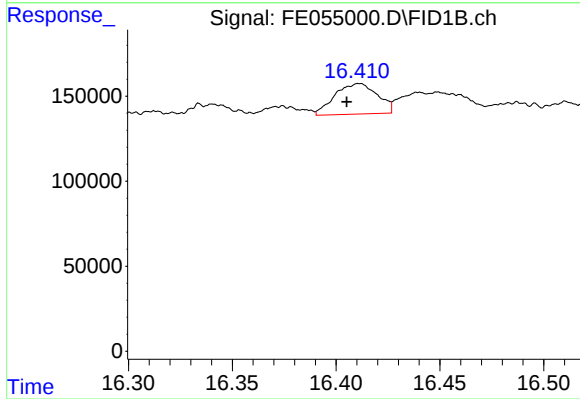
R.T.: 14.278 min
Delta R.T.: 0.002 min
Response: 361520
Conc: 2.53 ug/ml



#14 n-Tetracosane (C24)

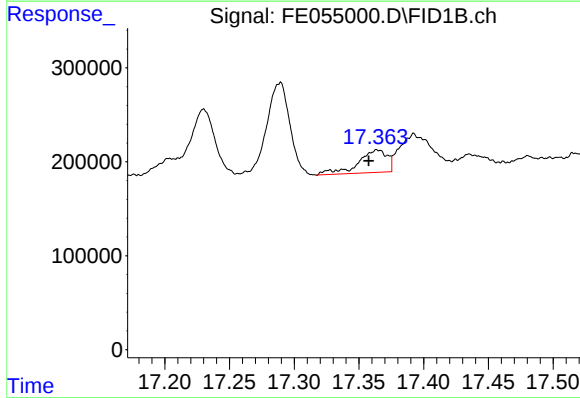
R.T.: 15.380 min
Delta R.T.: -0.003 min
Response: 1505112
Conc: 10.35 ug/ml

Instrument :
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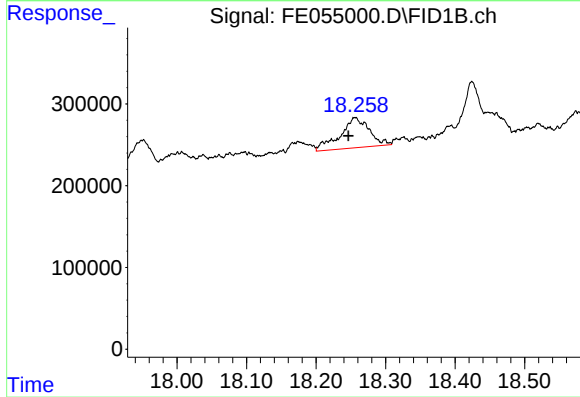
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.005 min
Response: 255535
Conc: 1.77 ug/ml



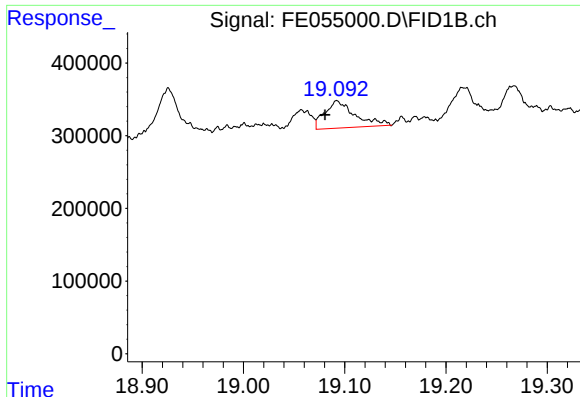
#16 n-Octacosane (C28)

R.T.: 17.364 min
Delta R.T.: 0.006 min
Response: 375204
Conc: 2.57 ug/ml



#17 n-Tricontane (C30)

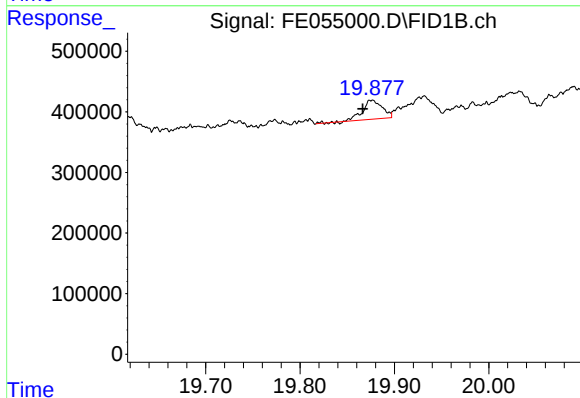
R.T.: 18.256 min
Delta R.T.: 0.010 min
Response: 1071504
Conc: 6.80 ug/ml



#18 n-Dotriacontane (C32)

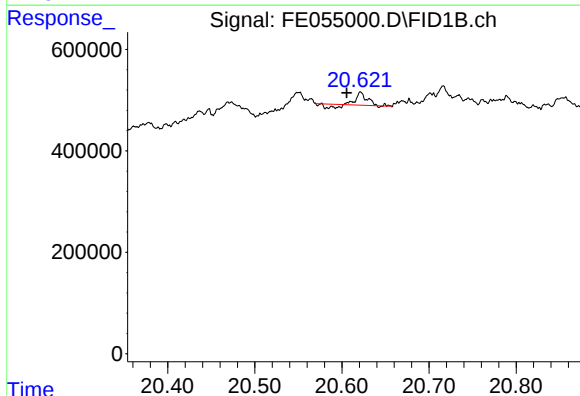
R.T.: 19.093 min
Delta R.T.: 0.012 min
Response: 775168
Conc: 4.79 ug/ml

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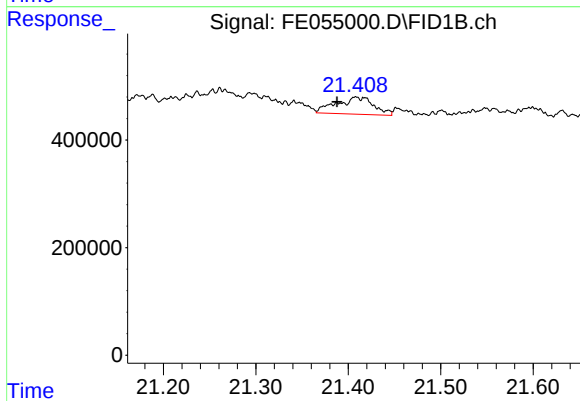
#19 n-Tetratriacontane (C34)

R.T.: 19.876 min
Delta R.T.: 0.010 min
Response: 454993
Conc: 2.99 ug/ml



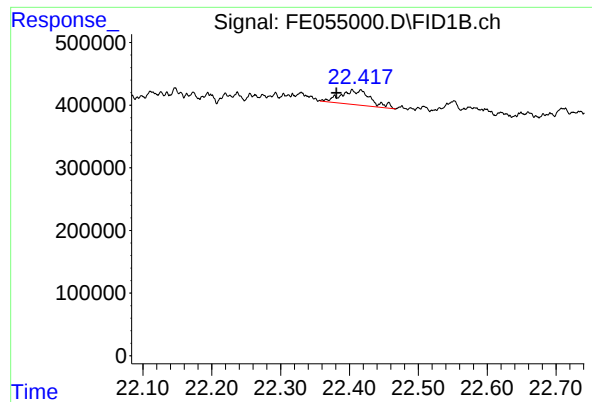
#20 n-Hexatriacontane (C36)

R.T.: 20.622 min
Delta R.T.: 0.016 min
Response: 150902
Conc: 1.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.408 min
Delta R.T.: 0.020 min
Response: 888534
Conc: 7.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.417 min
Delta R.T.: 0.036 min
Response: 709653
Conc: 6.55 ug/ml

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