

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054969.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 19:45
 Operator : YP\AJ
 Sample : Q2658-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PAD-072125-1

Integration File: autoint1.e
 Quant Time: Jul 23 04:32:51 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)	12.044	10972224	67.566 ug/ml
Spiked Amount 50.000		Recovery =	135.13%
12) S 1-chlorooctadecane (S...	13.522	1669578	13.220 ug/ml
Spiked Amount 50.000		Recovery =	26.44%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.407	44955	0.297 ug/ml
4) T n-Dodecane (C12)	6.857	143221	1.044 ug/ml
5) T A~2-methylnaphthalene...	7.504	329391	2.241 ug/ml
6) T n-Tetradecane (C14)	8.698	1582745	11.417 ug/ml
7) T n-Hexadecane (C16)	10.297	6438610	45.180 ug/ml
8) T n-Octadecane (C18)	11.705f	29252871	199.604 ug/ml
10) T n-Eicosane (C20)	13.078	12542248	87.224 ug/ml
11) T n-Heneicosane (C21)	13.655	27414881	191.937 ug/ml
13) T n-Docosane (C22)	14.250	7824139	54.795 ug/ml
14) T n-Tetracosane (C24)	15.429	1229047	8.455 ug/ml
15) T n-Hexacosane (C26)	16.395	147751	1.021 ug/ml
16) T n-Octacosane (C28)	17.371	283426	1.945 ug/ml
17) T n-Tricontane (C30)	18.269	919198	5.833 ug/ml
18) T n-Dotriacontane (C32)	19.069	207794	1.284 ug/ml
19) T n-Tetratriacontane (C34)	19.910	1212057	7.954 ug/ml
21) T n-Octatriacontane (C38)	21.349	751868	6.411 ug/ml
22) T n-Tetracontane (C40)	22.392	130108	1.200 ug/ml

(f)=RT Delta > 1/2 Window

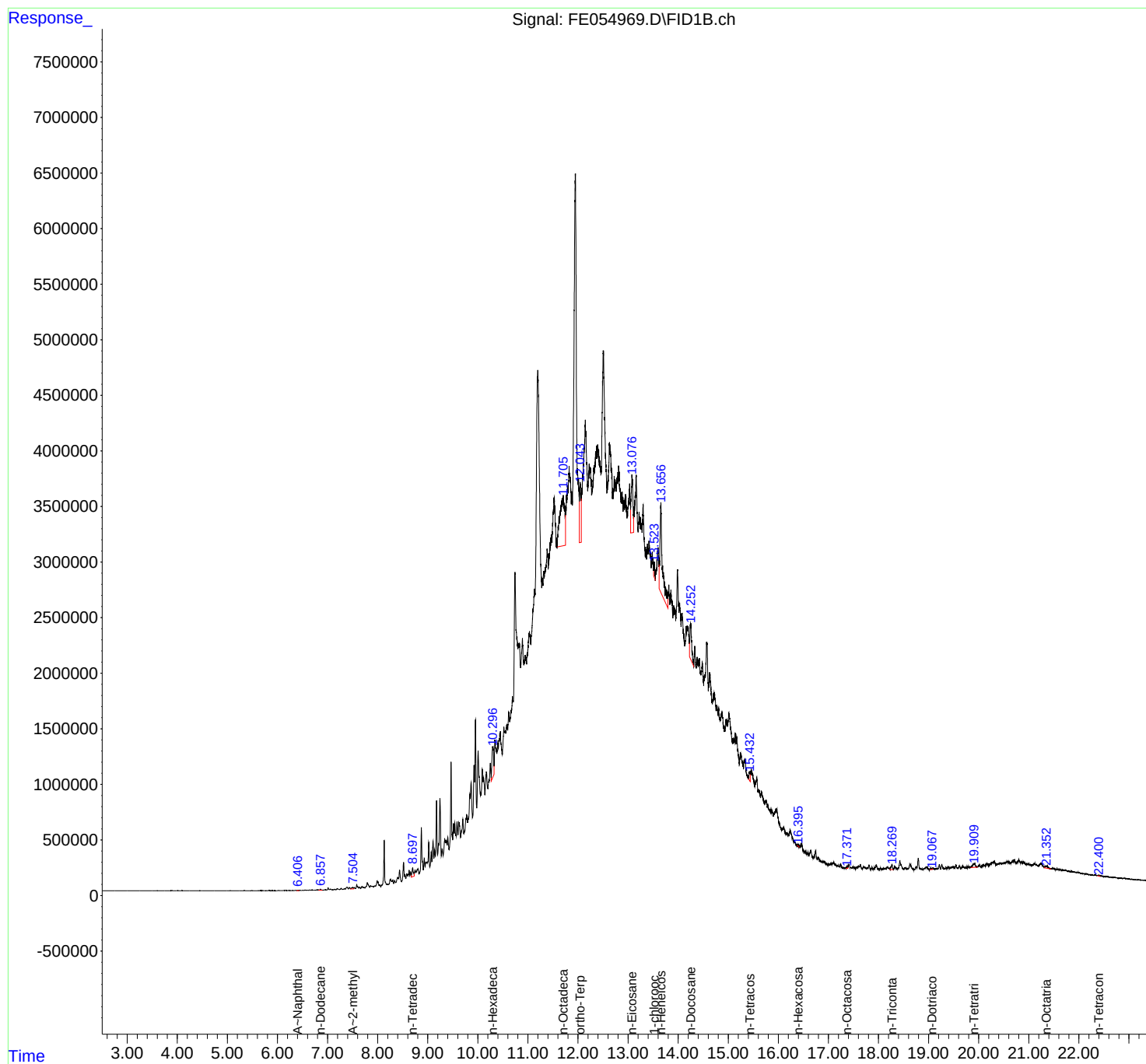
(m)=manual int.

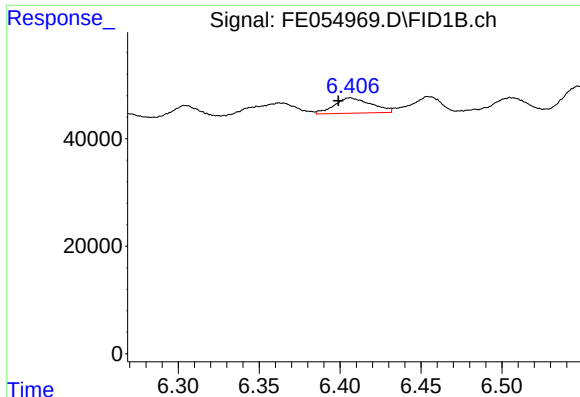
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
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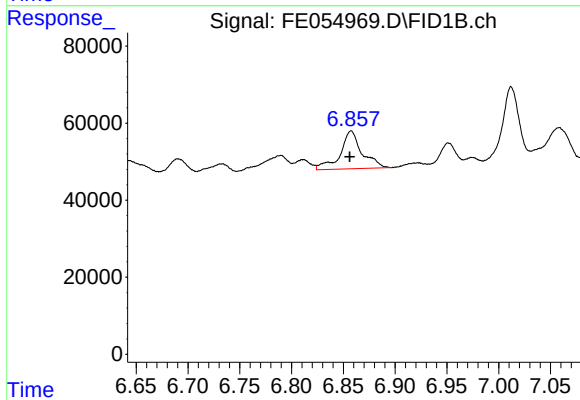




#3 A~Naphthalene (C11.7)

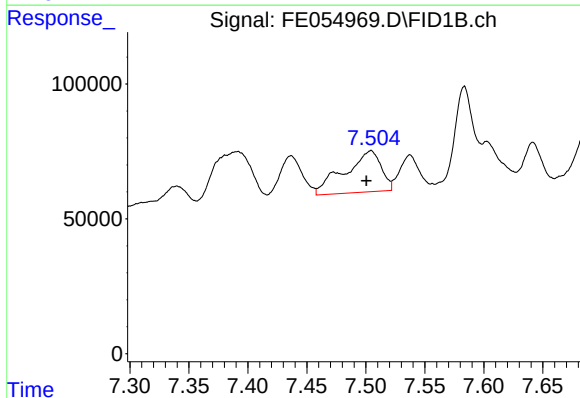
R.T.: 6.407 min
Delta R.T.: 0.008 min
Response: 44955
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-072125-1



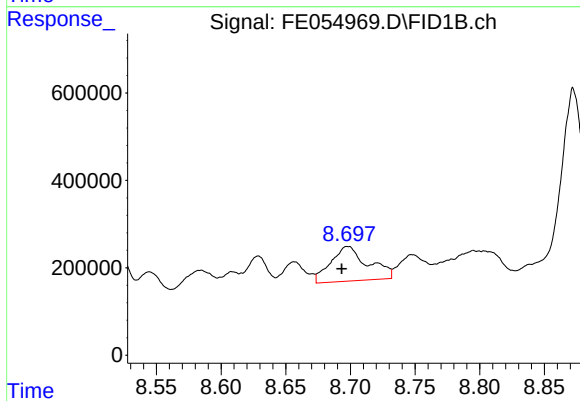
#4 n-Dodecane (C12)

R.T.: 6.857 min
Delta R.T.: 0.001 min
Response: 143221
Conc: 1.04 ug/ml



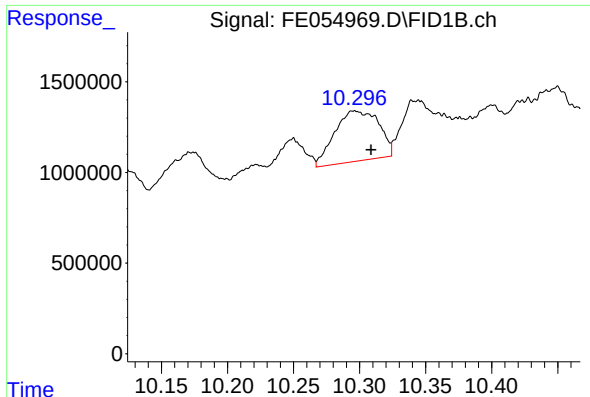
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.504 min
Delta R.T.: 0.003 min
Response: 329391
Conc: 2.24 ug/ml



#6 n-Tetradecane (C14)

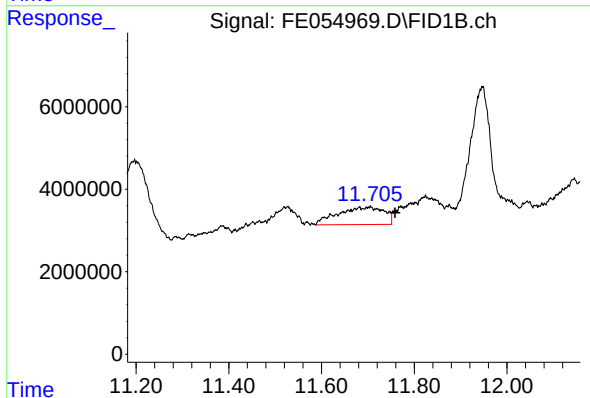
R.T.: 8.698 min
Delta R.T.: 0.005 min
Response: 1582745
Conc: 11.42 ug/ml



#7 n-Hexadecane (C16)

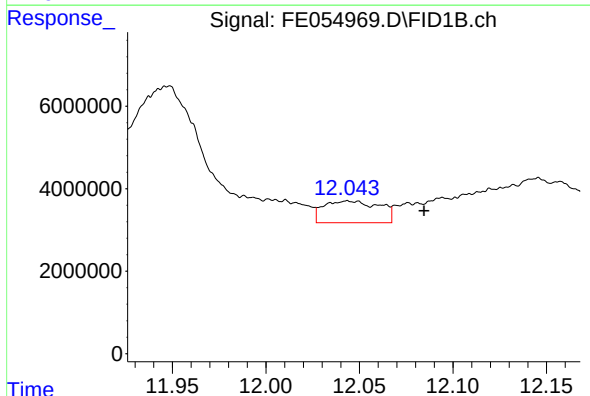
R.T.: 10.297 min
Delta R.T.: -0.012 min
Response: 6438610
Conc: 45.18 ug/ml

Instrument :
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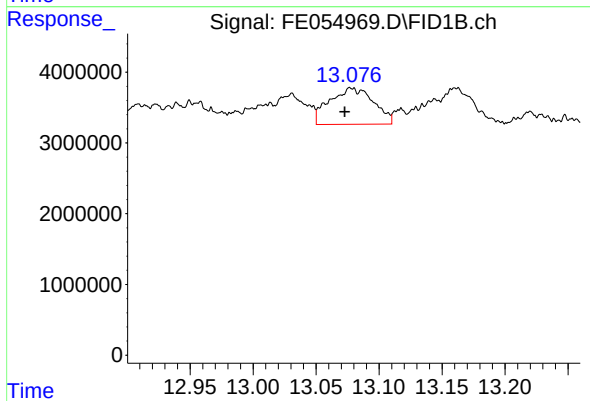
#8 n-Octadecane (C18)

R.T.: 11.705 min
Delta R.T.: -0.054 min
Response: 29252871
Conc: 199.60 ug/ml



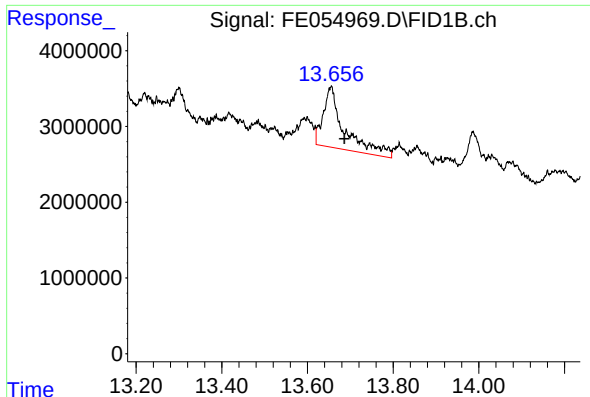
#9 ortho-Terphenyl (SURR)

R.T.: 12.044 min
Delta R.T.: -0.040 min
Response: 10972224
Conc: 67.57 ug/ml



#10 n-Eicosane (C20)

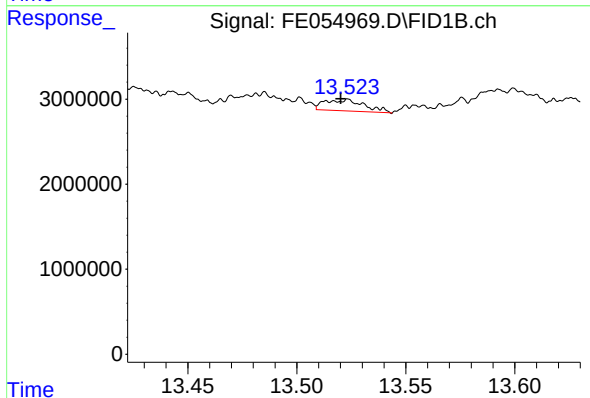
R.T.: 13.078 min
Delta R.T.: 0.005 min
Response: 12542248
Conc: 87.22 ug/ml



#11 n-Heneicosane (C21)

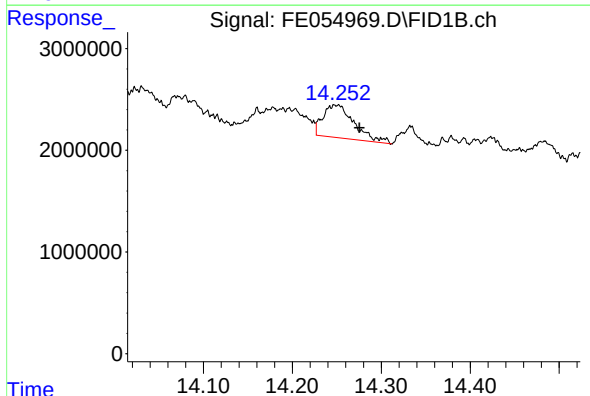
R.T.: 13.655 min
Delta R.T.: -0.032 min
Response: 27414881
Conc: 191.94 ug/ml

Instrument :
FID_E
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PAD-072125-1



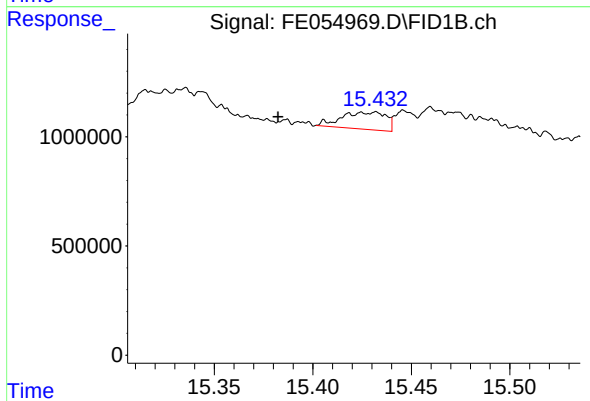
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 1669578
Conc: 13.22 ug/ml



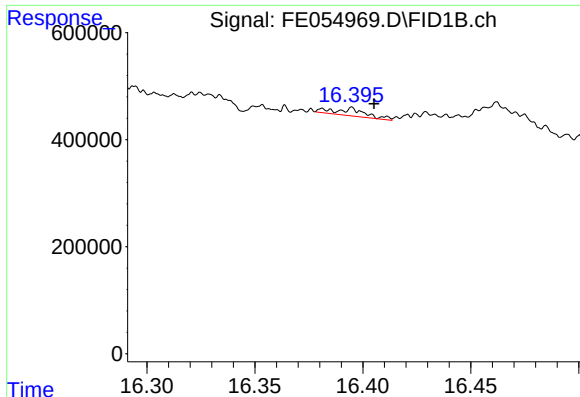
#13 n-Docosane (C22)

R.T.: 14.250 min
Delta R.T.: -0.025 min
Response: 7824139
Conc: 54.80 ug/ml



#14 n-Tetracosane (C24)

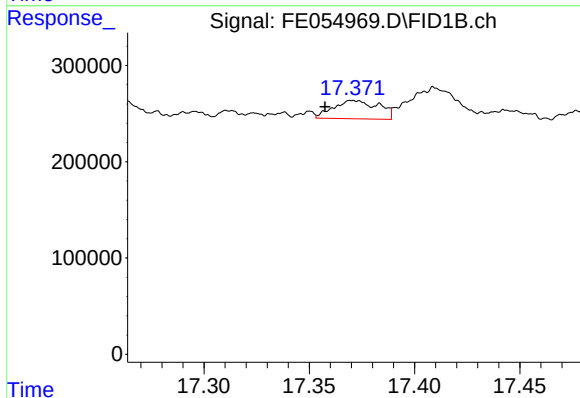
R.T.: 15.429 min
Delta R.T.: 0.047 min
Response: 1229047
Conc: 8.45 ug/ml



#15 n-Hexacosane (C26)

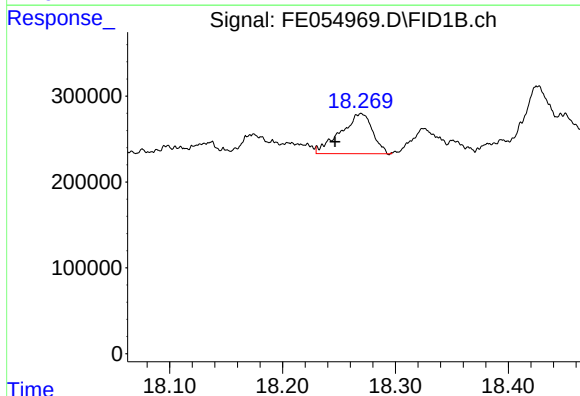
R.T.: 16.395 min
Delta R.T.: -0.011 min
Response: 147751
Conc: 1.02 ug/ml

Instrument :
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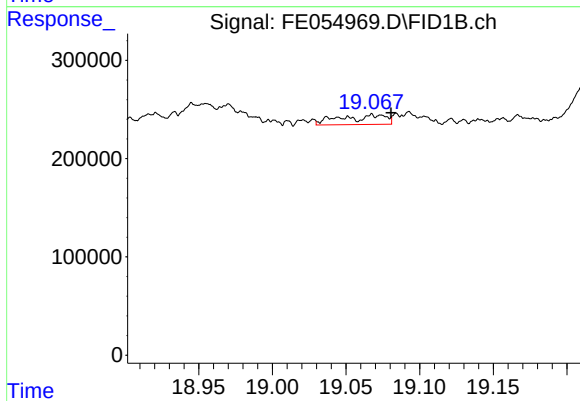
#16 n-Octacosane (C28)

R.T.: 17.371 min
Delta R.T.: 0.014 min
Response: 283426
Conc: 1.94 ug/ml



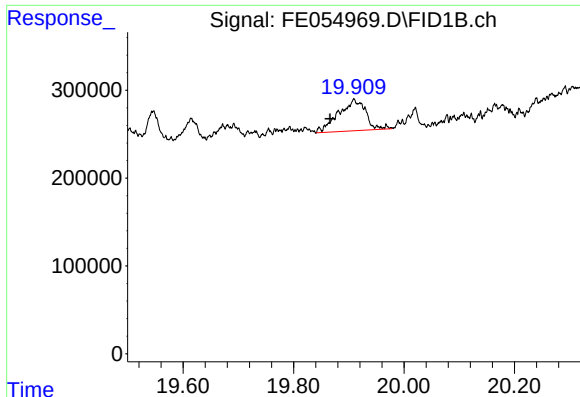
#17 n-Tricontane (C30)

R.T.: 18.269 min
Delta R.T.: 0.023 min
Response: 919198
Conc: 5.83 ug/ml



#18 n-Dotriacontane (C32)

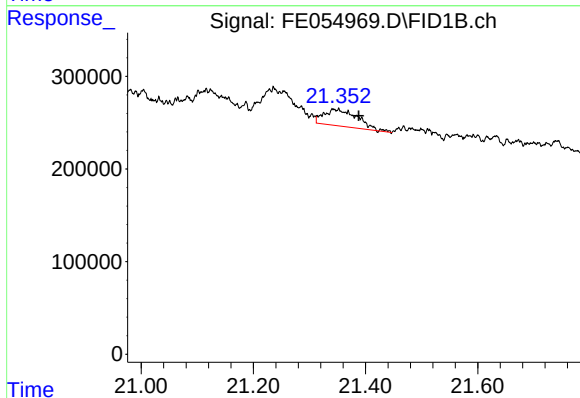
R.T.: 19.069 min
Delta R.T.: -0.012 min
Response: 207794
Conc: 1.28 ug/ml



#19 n-Tetratriacontane (C34)

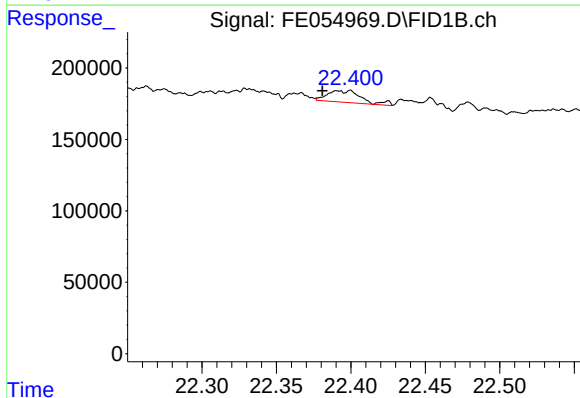
R.T.: 19.910 min
Delta R.T.: 0.043 min
Response: 1212057
Conc: 7.95 ug/ml

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#21 n-Octatriacontane (C38)

R.T.: 21.349 min
Delta R.T.: -0.038 min
Response: 751868
Conc: 6.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.011 min
Response: 130108
Conc: 1.20 ug/ml