

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052536.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 15:52
 Operator : YP\AJ
 Sample : Q1441-01D
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-02-022625

Integration File: autoint1.e
 Quant Time: Feb 28 03:21:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.921	6343325	33.934 ug/ml
Spiked Amount 50.000		Recovery =	67.87%
12) S 1-chlorooctadecane (S...	13.365	4924812	35.431 ug/ml
Spiked Amount 50.000		Recovery =	70.86%
Target Compounds			
4) T n-Dodecane (C12)	6.700	405329	2.568 ug/ml
5) T A~2-methylnaphthalene...	7.339	396237	2.359 ug/ml
6) T n-Tetradecane (C14)	8.537	973330	6.179 ug/ml
7) T n-Hexadecane (C16)	10.152	1183208	7.239 ug/ml
8) T n-Octadecane (C18)	11.601	997343	6.028 ug/ml
10) T n-Eicosane (C20)	12.916	702586	4.407 ug/ml
11) T n-Heneicosane (C21)	13.531	428265	2.734 ug/ml
13) T n-Docosane (C22)	14.118	400210	2.557 ug/ml
14) T n-Tetracosane (C24)	15.201	430192	2.735 ug/ml
15) T n-Hexacosane (C26)	16.253	249379	1.610 ug/ml
16) T n-Octacosane (C28)	17.208	432895	2.830 ug/ml
17) T n-Tricontane (C30)	18.095	1315278	8.426 ug/ml
18) T n-Dotriacontane (C32)	18.930	289156	1.890 ug/ml
19) T n-Tetratriacontane (C34)	19.723	221426	1.556 ug/ml
20) T n-Hexatriacontane (C36)	20.465	45641	0.366 ug/ml
22) T n-Tetracontane (C40)	22.140	649218	6.454 ug/ml

(f)=RT Delta > 1/2 Window

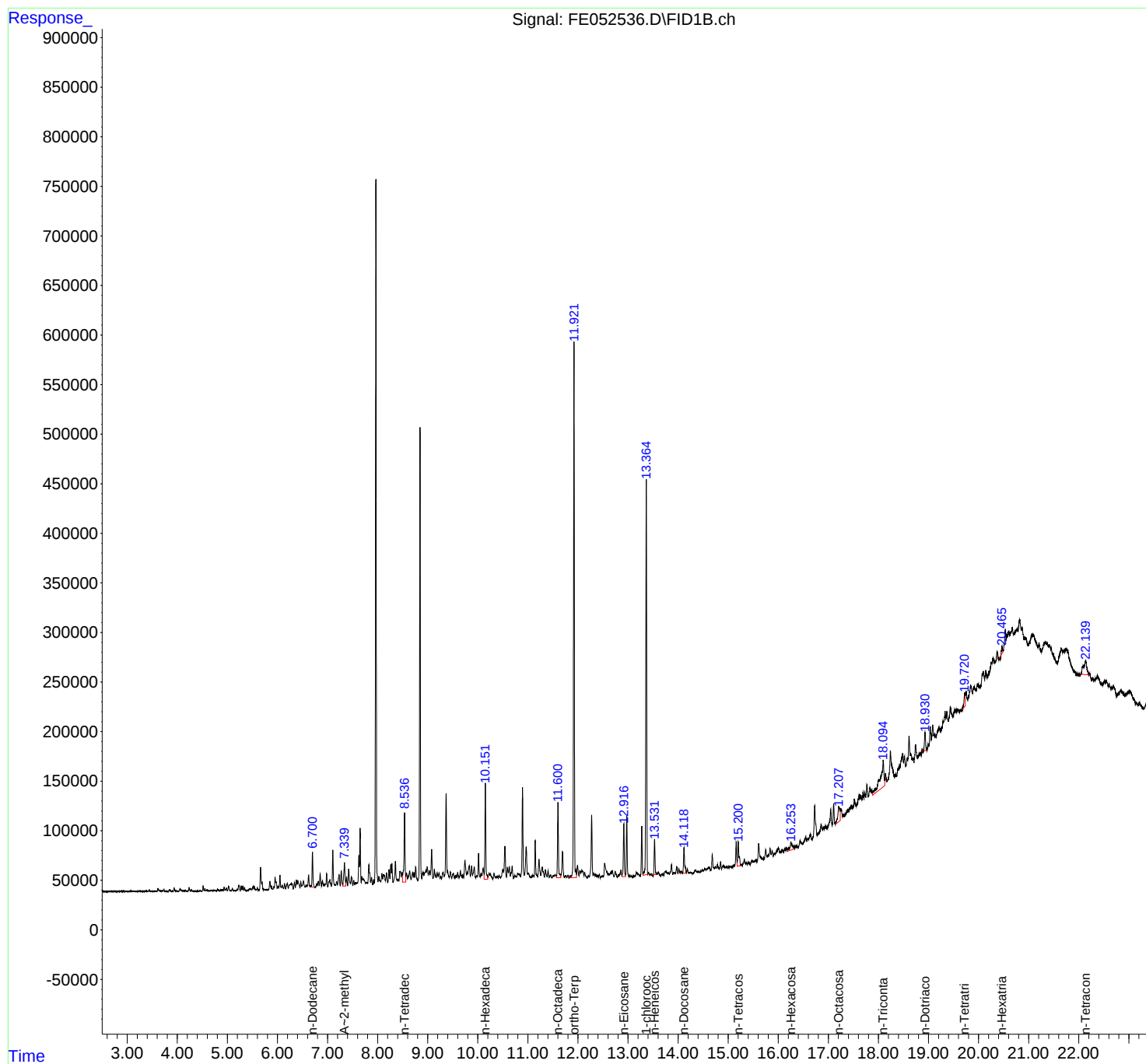
(m)=manual int.

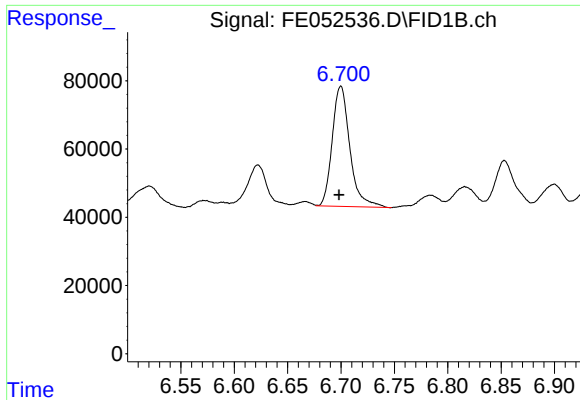
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
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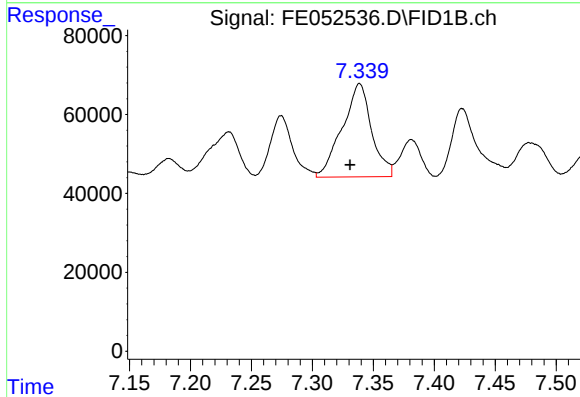




#4 n-Dodecane (C12)

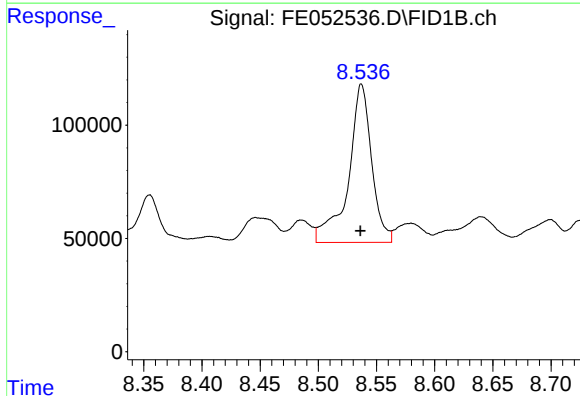
R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 405329
Conc: 2.57 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-022625



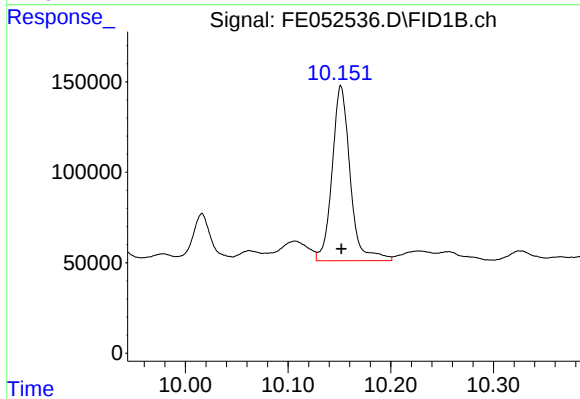
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: 0.007 min
Response: 396237
Conc: 2.36 ug/ml



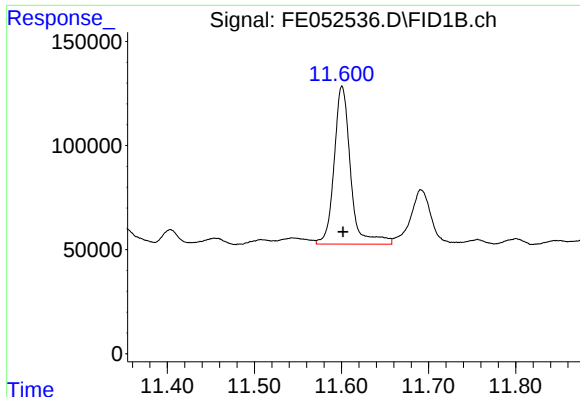
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.001 min
Response: 973330
Conc: 6.18 ug/ml



#7 n-Hexadecane (C16)

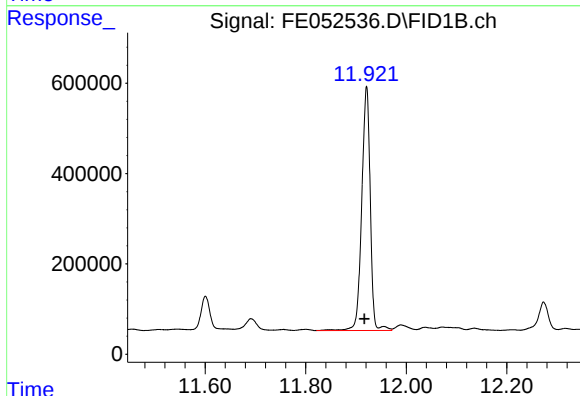
R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 1183208
Conc: 7.24 ug/ml



#8 n-Octadecane (C18)

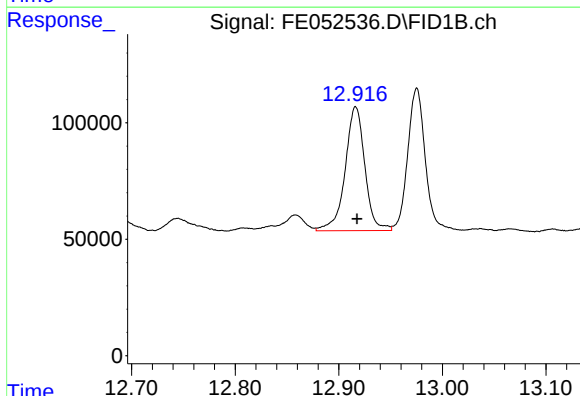
R.T.: 11.601 min
Delta R.T.: -0.001 min
Response: 997343
Conc: 6.03 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-022625



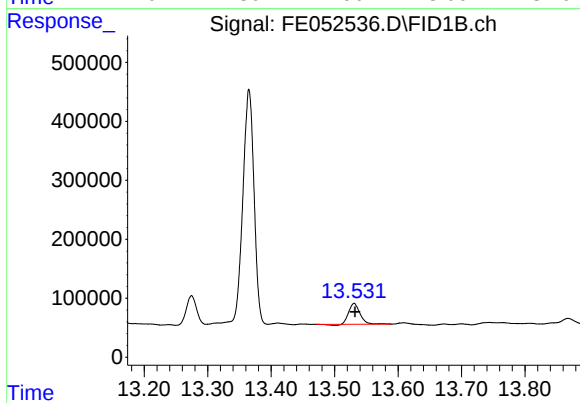
#9 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: 0.004 min
Response: 6343325
Conc: 33.93 ug/ml



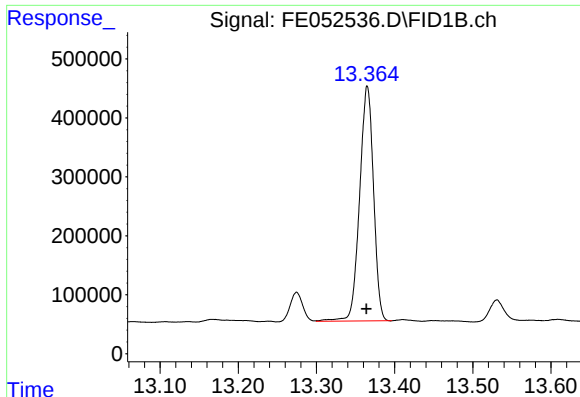
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.001 min
Response: 702586
Conc: 4.41 ug/ml



#11 n-Heneicosane (C21)

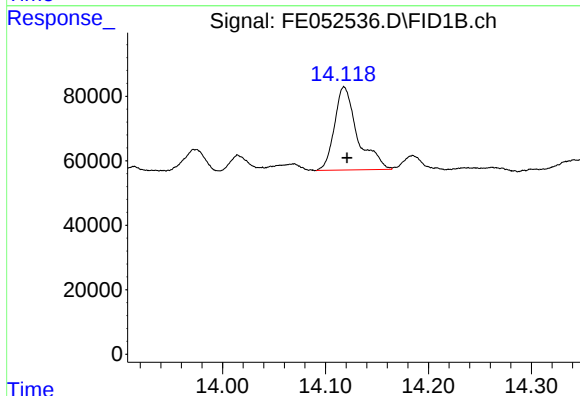
R.T.: 13.531 min
Delta R.T.: -0.002 min
Response: 428265
Conc: 2.73 ug/ml



#12 1-chlorooctadecane (SURR)

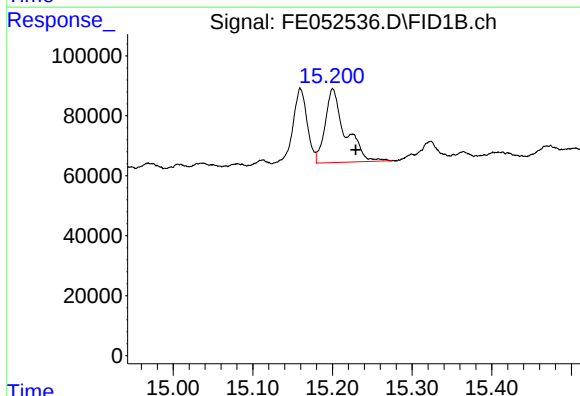
R.T.: 13.365 min
Delta R.T.: 0.000 min
Response: 4924812
Conc: 35.43 ug/ml

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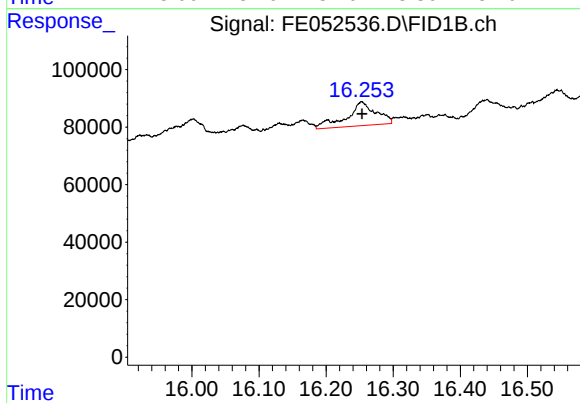
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.003 min
Response: 400210
Conc: 2.56 ug/ml



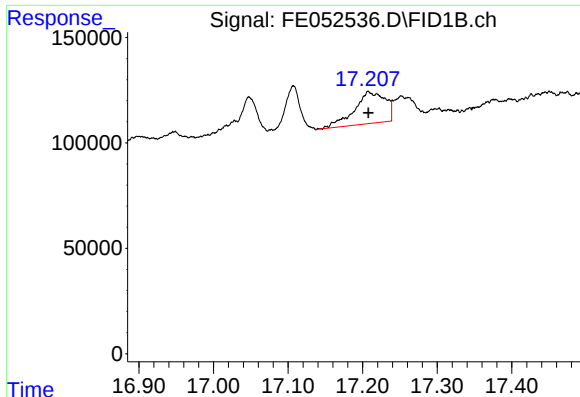
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: -0.028 min
Response: 430192
Conc: 2.74 ug/ml



#15 n-Hexacosane (C26)

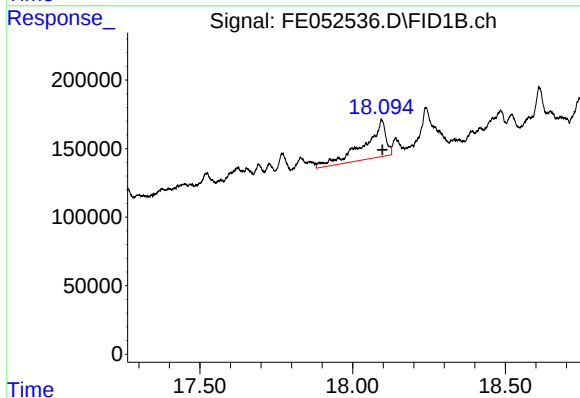
R.T.: 16.253 min
Delta R.T.: 0.000 min
Response: 249379
Conc: 1.61 ug/ml



#16 n-Octacosane (C28)

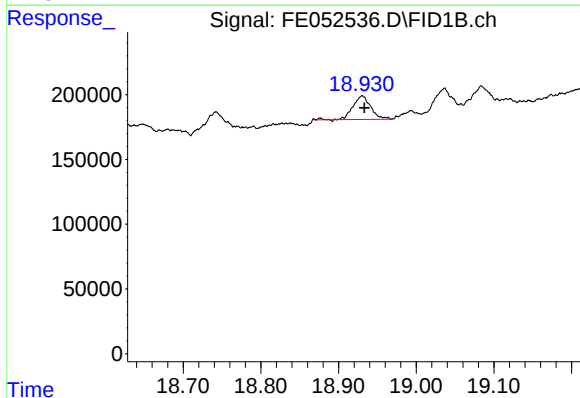
R.T.: 17.208 min
Delta R.T.: 0.000 min
Response: 432895
Conc: 2.83 ug/ml

Instrument :
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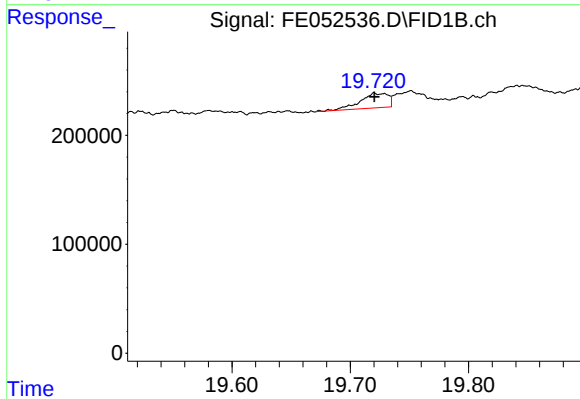
#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.002 min
Response: 1315278
Conc: 8.43 ug/ml



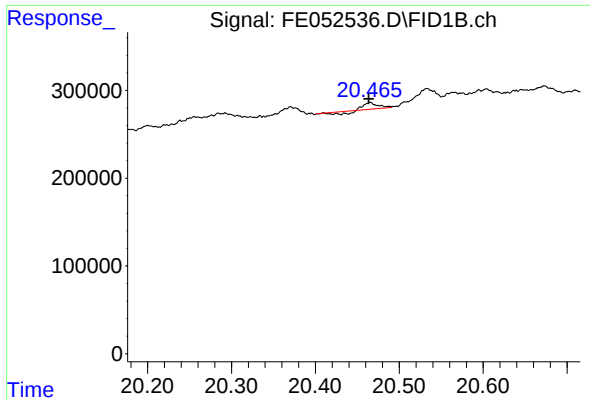
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.003 min
Response: 289156
Conc: 1.89 ug/ml



#19 n-Tetratriacontane (C34)

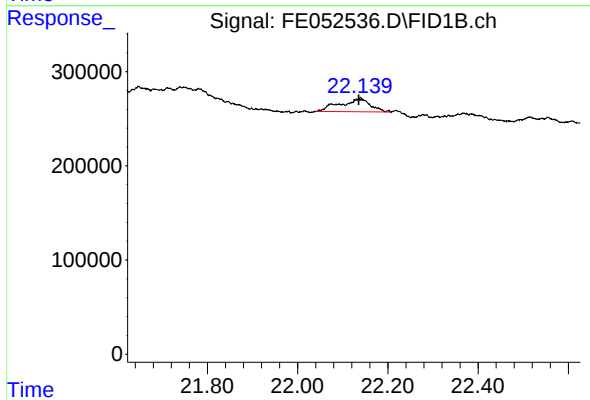
R.T.: 19.723 min
Delta R.T.: 0.002 min
Response: 221426
Conc: 1.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: 0.001 min
Response: 45641
Conc: 0.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: 0.005 min
Response: 649218
Conc: 6.45 ug/ml