

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032125AL\
 Data File : FE052924.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2025 21:21
 Operator : YP\AJ
 Sample : Q1614-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-04-032025-E2

Integration File: autoint1.e
 Quant Time: Mar 22 00:16:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.906	6000940	35.596 ug/ml
Spiked Amount 50.000		Recovery =	71.19%
12) S 1-chlorooctadecane (S...	13.351	4562412	37.574 ug/ml
Spiked Amount 50.000		Recovery =	75.15%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.262	192431	1.135 ug/ml
4) T n-Dodecane (C12)	6.688	489873	3.146 ug/ml
5) T A~2-methylnaphthalene...	7.327	629997	3.887 ug/ml
6) T n-Tetradecane (C14)	8.525	1584682	10.473 ug/ml
7) T n-Hexadecane (C16)	10.139	2227795	14.571 ug/ml
8) T n-Octadecane (C18)	11.588	2039097	13.403 ug/ml
10) T n-Eicosane (C20)	12.902	1307445	9.006 ug/ml
11) T n-Heneicosane (C21)	13.517	852272	5.988 ug/ml
13) T n-Docosane (C22)	14.105	596338	4.190 ug/ml
14) T n-Tetracosane (C24)	15.211	256856	1.795 ug/ml
15) T n-Hexacosane (C26)	16.238	430367	3.027 ug/ml
16) T n-Octacosane (C28)	17.194	484852	3.410 ug/ml
17) T n-Tricontane (C30)	18.080	772437	5.230 ug/ml
18) T n-Dotriacontane (C32)	18.916	453594	3.124 ug/ml
19) T n-Tetratriacontane (C34)	19.703	341178	2.531 ug/ml
20) T n-Hexatriacontane (C36)	20.451	228939	1.927 ug/ml
22) T n-Tetracontane (C40)	22.118	1237147	11.443 ug/ml

(f)=RT Delta > 1/2 Window

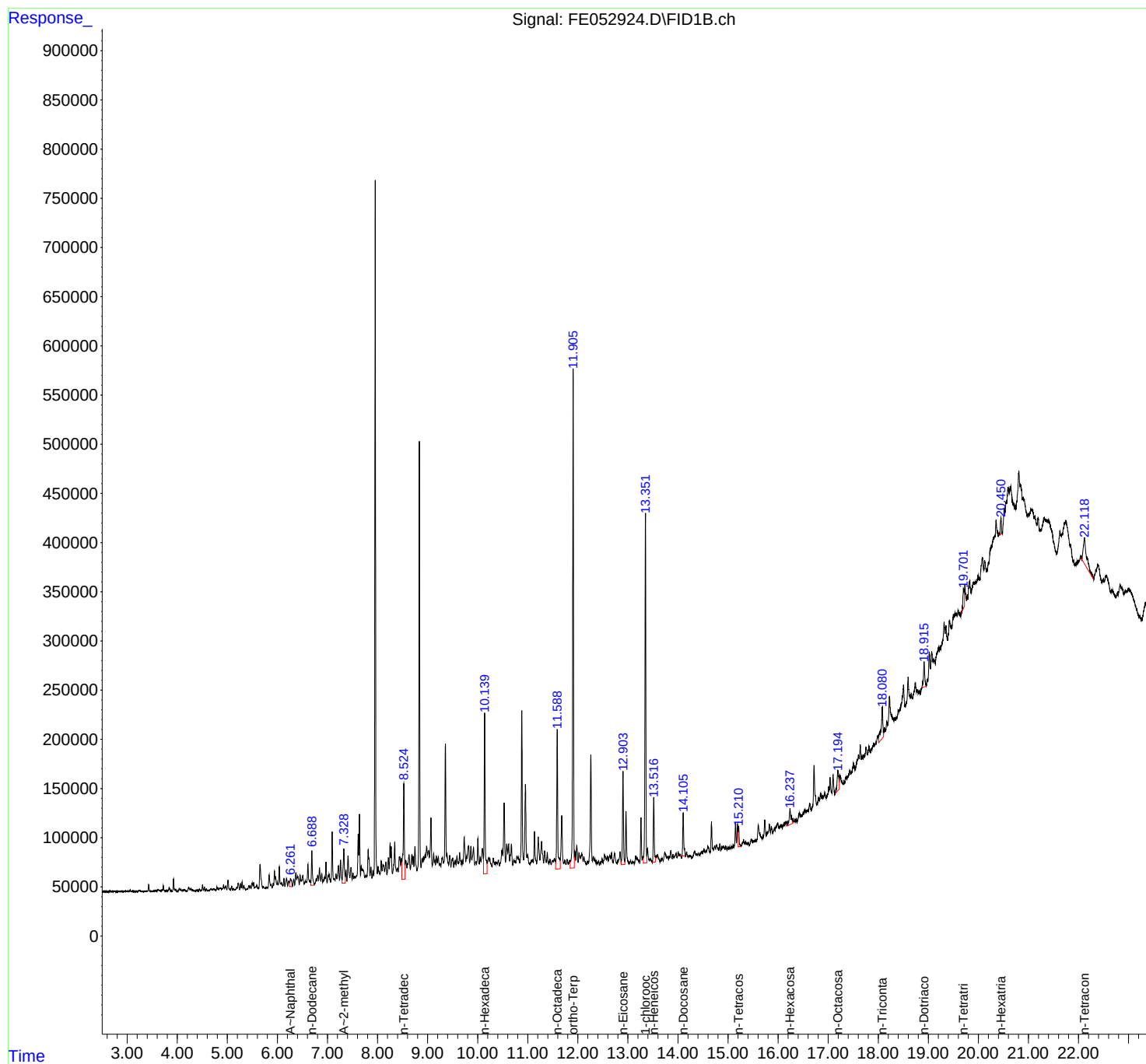
(m)=manual int.

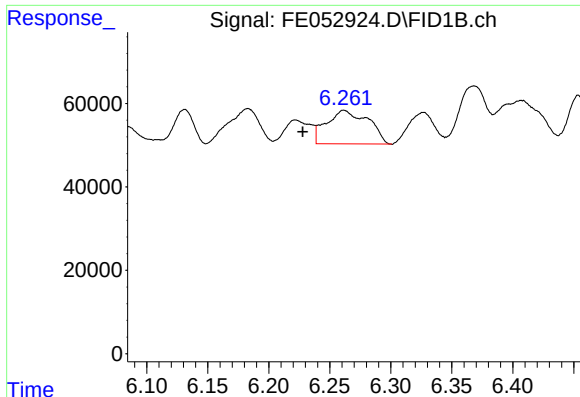
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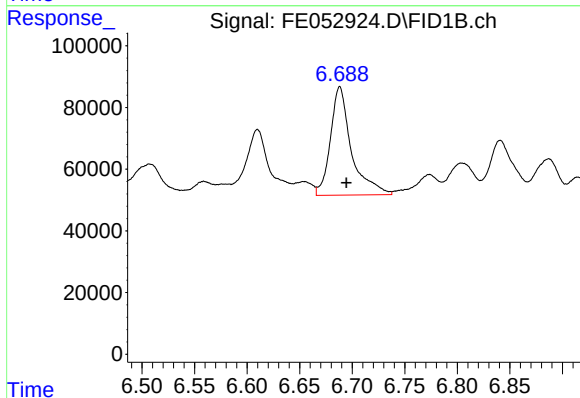




#3 A~Naphthalene (C11.7)

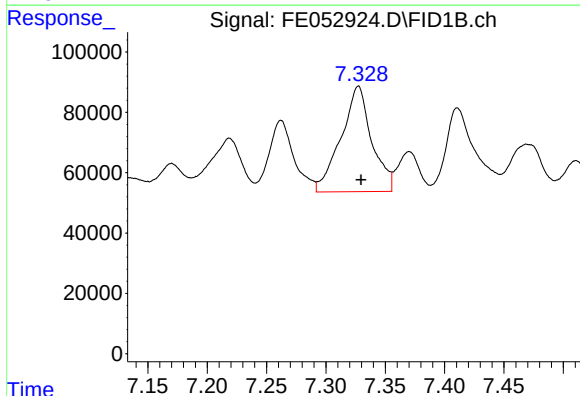
R.T.: 6.262 min
Delta R.T.: 0.034 min
Response: 192431
Conc: 1.13 ug/ml

Instrument :
FID_E
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TR-04-032025-E2



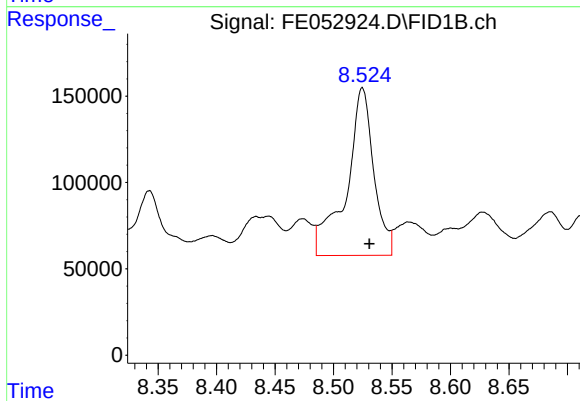
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.006 min
Response: 489873
Conc: 3.15 ug/ml



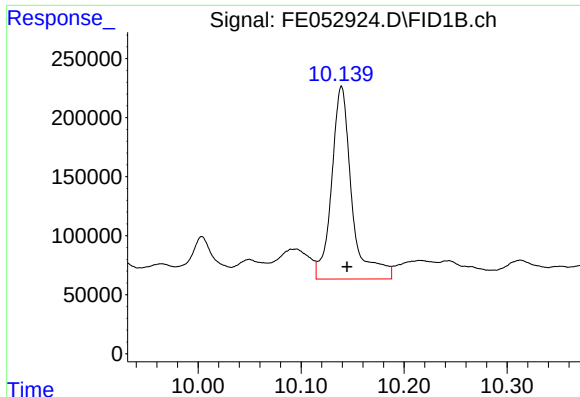
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 629997
Conc: 3.89 ug/ml



#6 n-Tetradecane (C14)

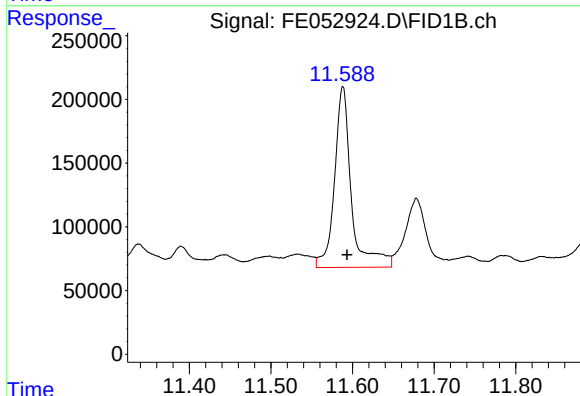
R.T.: 8.525 min
Delta R.T.: -0.006 min
Response: 1584682
Conc: 10.47 ug/ml



#7 n-Hexadecane (C16)

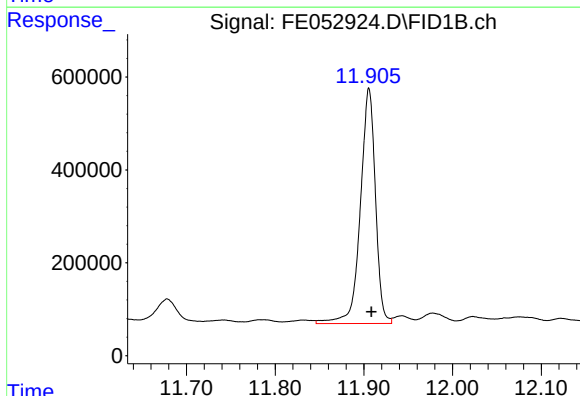
R.T.: 10.139 min
Delta R.T.: -0.005 min
Response: 2227795
Conc: 14.57 ug/ml

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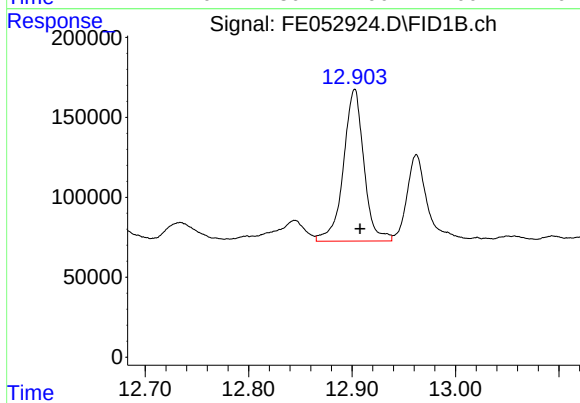
#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.005 min
Response: 2039097
Conc: 13.40 ug/ml



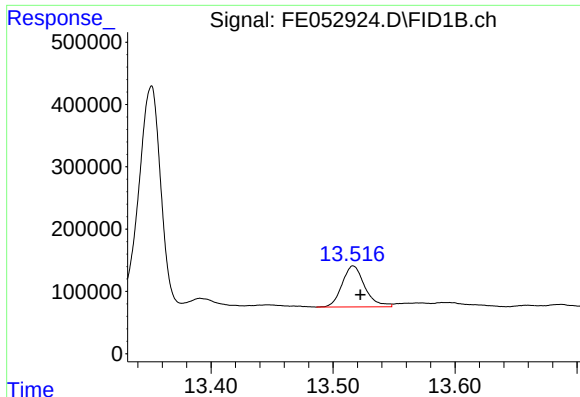
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min
Delta R.T.: -0.003 min
Response: 6000940
Conc: 35.60 ug/ml



#10 n-Eicosane (C20)

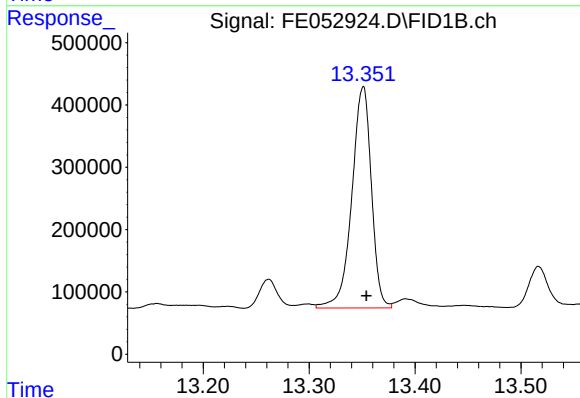
R.T.: 12.902 min
Delta R.T.: -0.005 min
Response: 1307445
Conc: 9.01 ug/ml



#11 n-Heneicosane (C21)

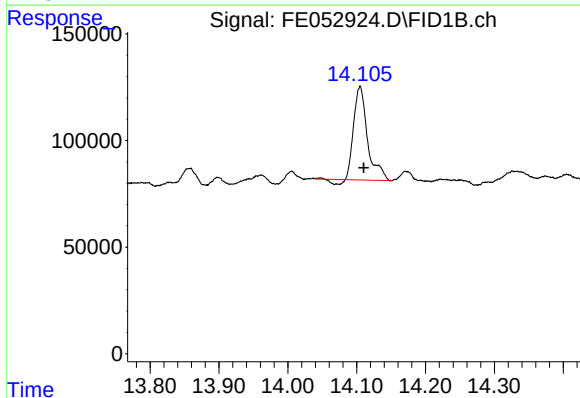
R.T.: 13.517 min
Delta R.T.: -0.006 min
Response: 852272
Conc: 5.99 ug/ml

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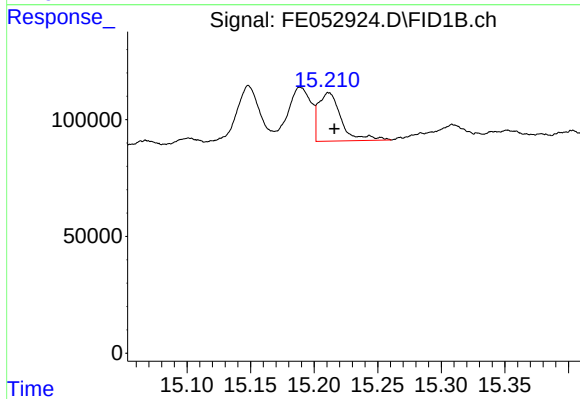
#12 1-chlorooctadecane (SURR)

R.T.: 13.351 min
Delta R.T.: -0.003 min
Response: 4562412
Conc: 37.57 ug/ml



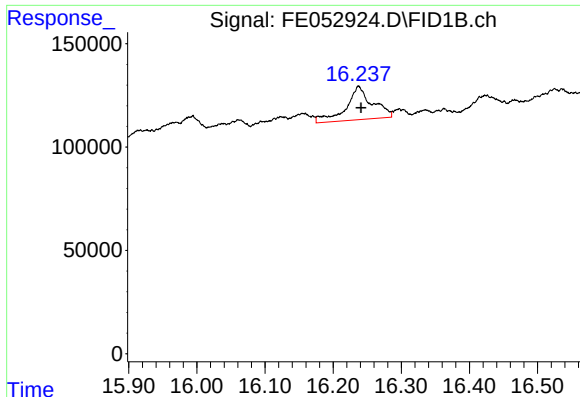
#13 n-Docosane (C22)

R.T.: 14.105 min
Delta R.T.: -0.005 min
Response: 596338
Conc: 4.19 ug/ml



#14 n-Tetracosane (C24)

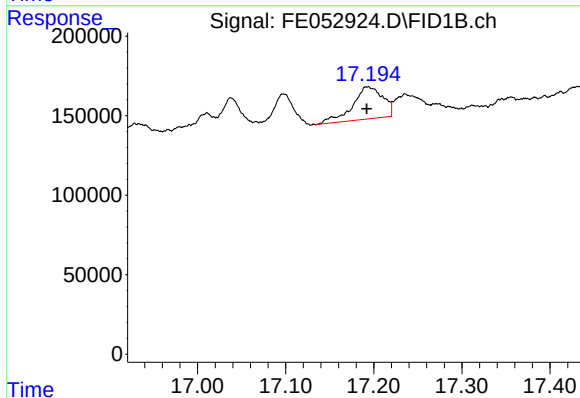
R.T.: 15.211 min
Delta R.T.: -0.005 min
Response: 256856
Conc: 1.79 ug/ml



#15 n-Hexacosane (C26)

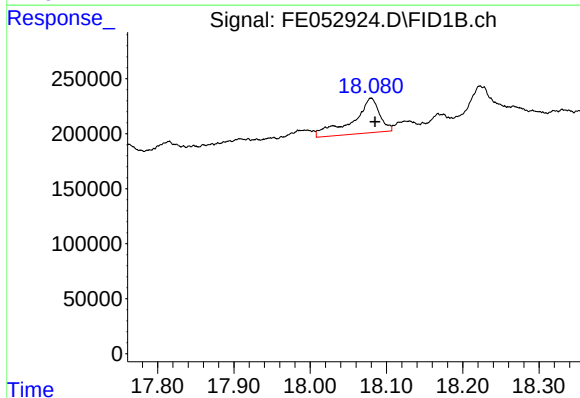
R.T.: 16.238 min
Delta R.T.: -0.003 min
Response: 430367
Conc: 3.03 ug/ml

Instrument :
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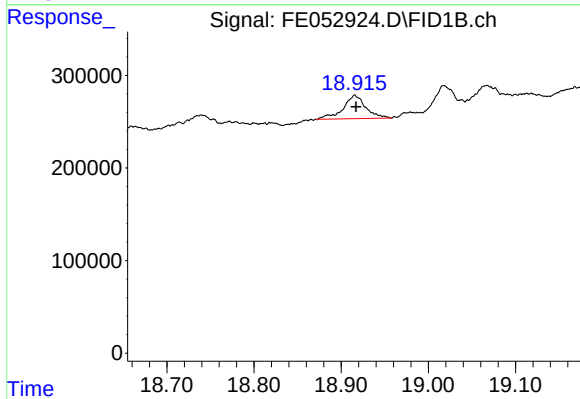
#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: 0.002 min
Response: 484852
Conc: 3.41 ug/ml



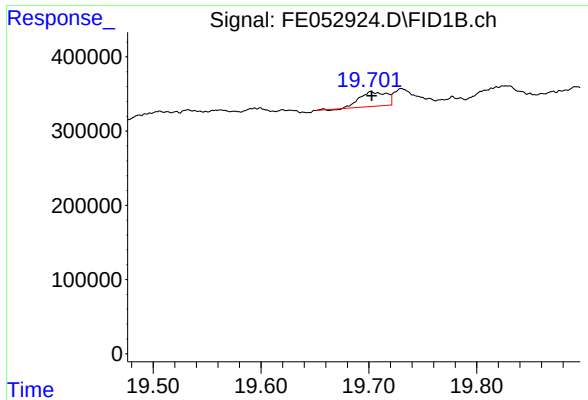
#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: -0.005 min
Response: 772437
Conc: 5.23 ug/ml



#18 n-Dotriacontane (C32)

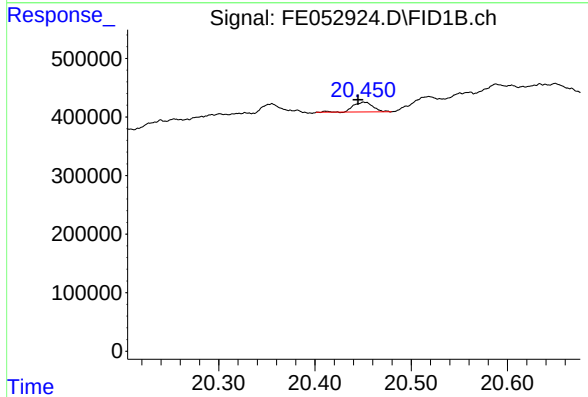
R.T.: 18.916 min
Delta R.T.: 0.000 min
Response: 453594
Conc: 3.12 ug/ml



#19 n-Tetratriacontane (C34)

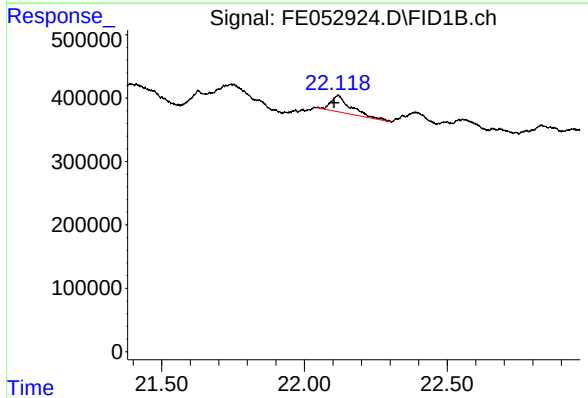
R.T.: 19.703 min
Delta R.T.: 0.000 min
Response: 341178
Conc: 2.53 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: 0.006 min
Response: 228939
Conc: 1.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: 0.014 min
Response: 1237147
Conc: 11.44 ug/ml