

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055174.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 12:24
 Operator : YP\AJ
 Sample : Q2774-09DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 248DL

Integration File: autoint1.e
 Quant Time: Aug 08 01:04:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.089	6144605	43.028 ug/ml
Spiked Amount 50.000		Recovery =	86.06%
12) S 1-chlorooctadecane (S...	13.529	4163162	38.718 ug/ml
Spiked Amount 50.000		Recovery =	77.44%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.410	49249	0.367 ug/ml
4) T n-Dodecane (C12)	6.845	47389	0.398 ug/ml
5) T A~2-methylnaphthalene...	7.501	137209	1.052 ug/ml
6) T n-Tetradecane (C14)	8.695	166776	1.360 ug/ml
7) T n-Hexadecane (C16)	10.324	179700	1.406 ug/ml
8) T n-Octadecane (C18)	11.708	817024	6.262 ug/ml
10) T n-Eicosane (C20)	13.075	465872	3.713 ug/ml
11) T n-Heneicosane (C21)	13.691	330357	2.680 ug/ml
13) T n-Docosane (C22)	14.251	426167	3.490 ug/ml
14) T n-Tetracosane (C24)	15.378	330570	2.718 ug/ml
15) T n-Hexacosane (C26)	16.403	47872	0.400 ug/ml
16) T n-Octacosane (C28)	17.356	94048	0.793 ug/ml
17) T n-Tricontane (C30)	18.247	215207	1.749 ug/ml
18) T n-Dotriacontane (C32)	19.081	178215	1.461 ug/ml
19) T n-Tetratriacontane (C34)	19.863	69290	0.593 ug/ml
20) T n-Hexatriacontane (C36)	20.606	60312	0.552 ug/ml
22) T n-Tetracontane (C40)	22.382	82671	0.791 ug/ml

(f)=RT Delta > 1/2 Window

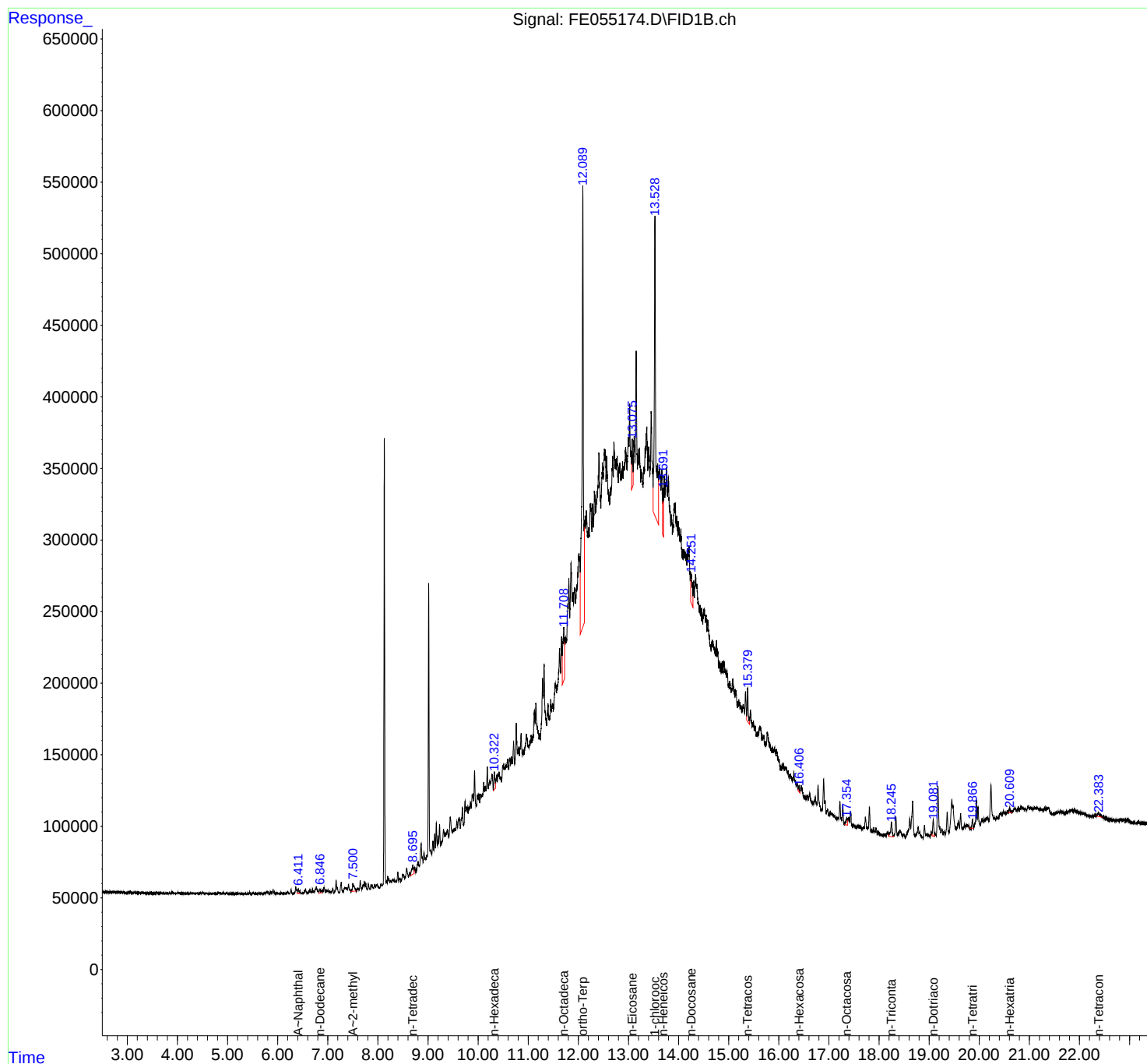
(m)=manual int.

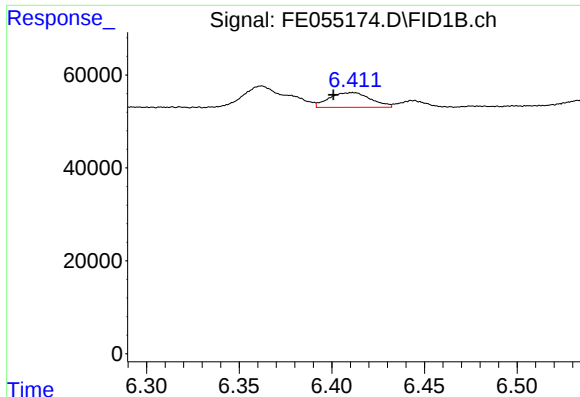
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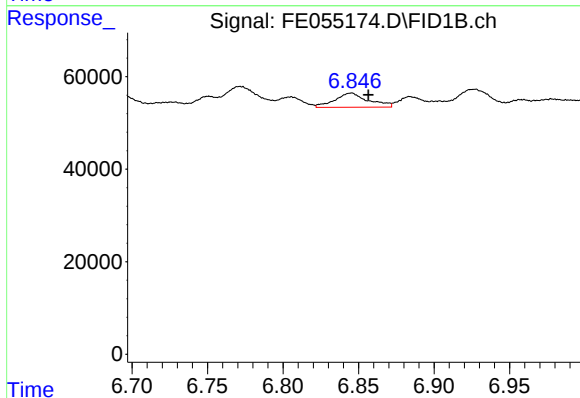




#3 A~Naphthalene (C11.7)

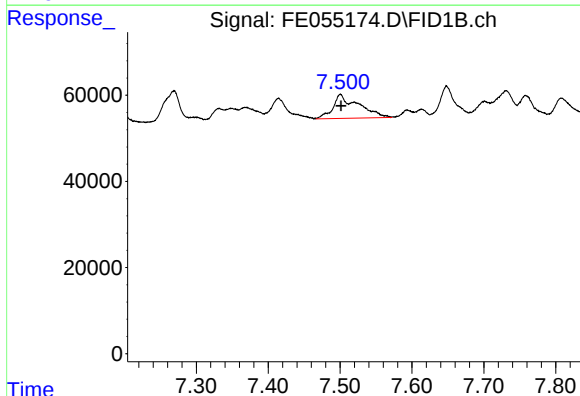
R.T.: 6.410 min
Delta R.T.: 0.009 min
Response: 49249
Conc: 0.37 ug/ml

Instrument :
FID_E
ClientSampleId :
248DL



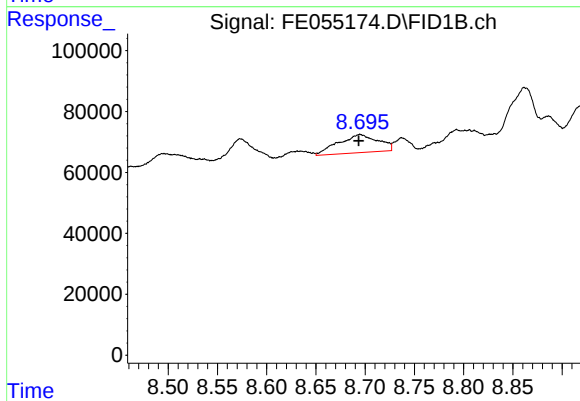
#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: -0.012 min
Response: 47389
Conc: 0.40 ug/ml



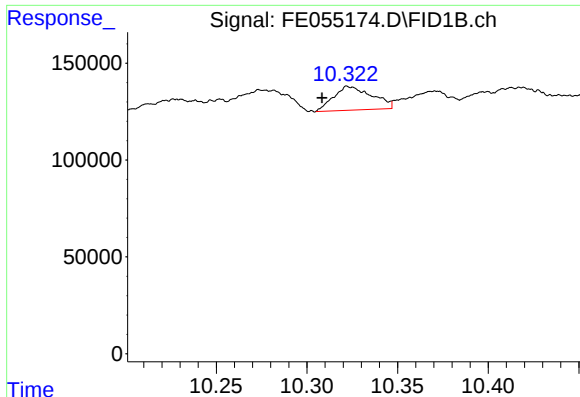
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 137209
Conc: 1.05 ug/ml



#6 n-Tetradecane (C14)

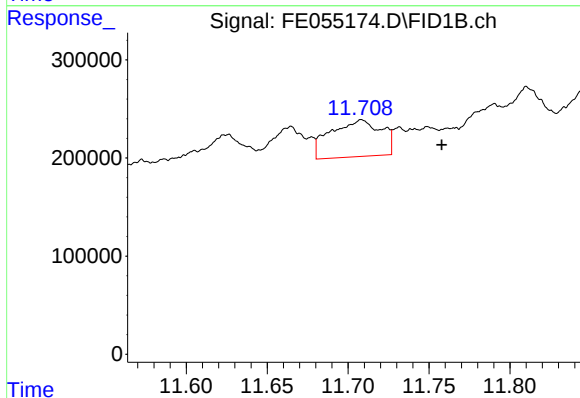
R.T.: 8.695 min
Delta R.T.: 0.001 min
Response: 166776
Conc: 1.36 ug/ml



#7 n-Hexadecane (C16)

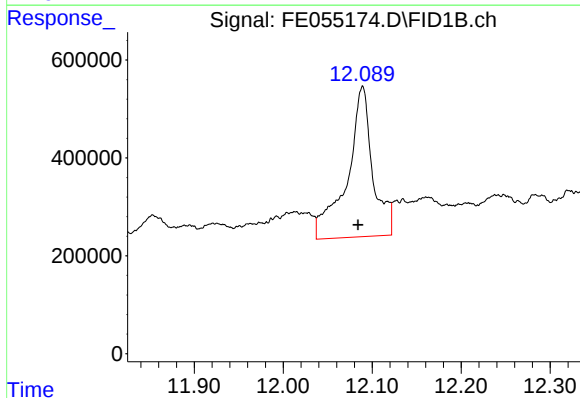
R.T.: 10.324 min
Delta R.T.: 0.015 min
Response: 179700
Conc: 1.41 ug/ml

Instrument :
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ClientSampleId :
248DL



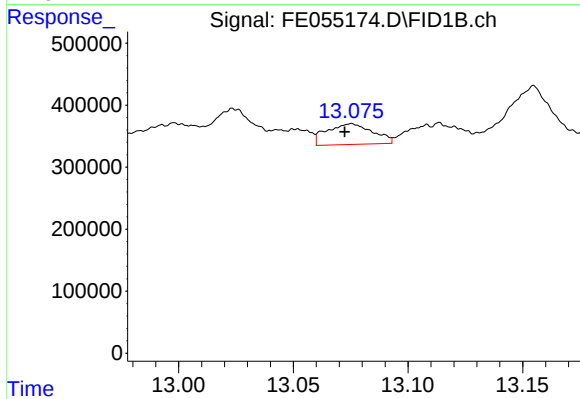
#8 n-Octadecane (C18)

R.T.: 11.708 min
Delta R.T.: -0.050 min
Response: 817024
Conc: 6.26 ug/ml



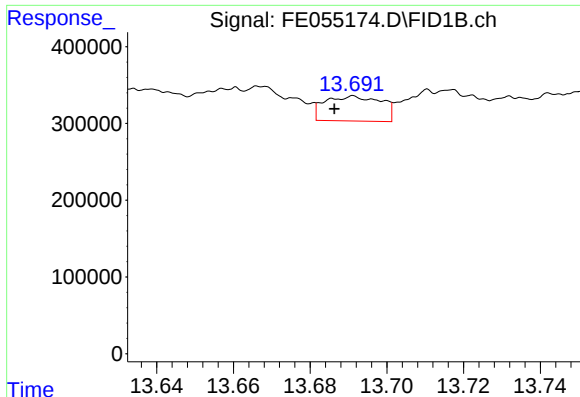
#9 ortho-Terphenyl (SURR)

R.T.: 12.089 min
Delta R.T.: 0.005 min
Response: 6144605
Conc: 43.03 ug/ml



#10 n-Eicosane (C20)

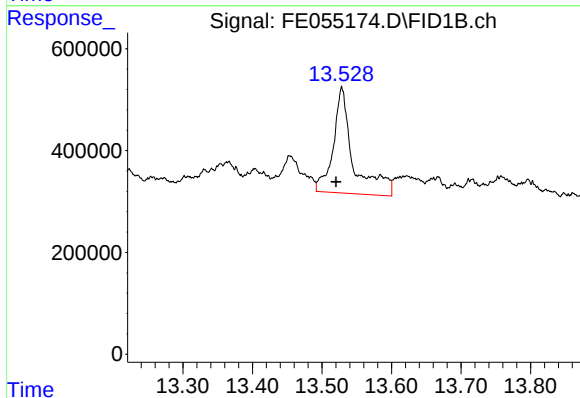
R.T.: 13.075 min
Delta R.T.: 0.003 min
Response: 465872
Conc: 3.71 ug/ml



#11 n-Heneicosane (C21)

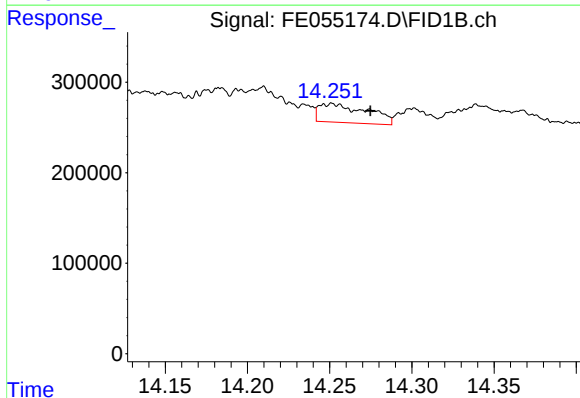
R.T.: 13.691 min
Delta R.T.: 0.005 min
Response: 330357
Conc: 2.68 ug/ml

Instrument :
FID_E
ClientSampleId :
248DL



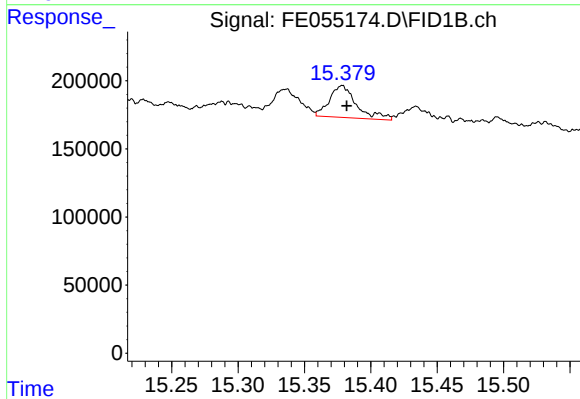
#12 1-chlorooctadecane (SURR)

R.T.: 13.529 min
Delta R.T.: 0.008 min
Response: 4163162
Conc: 38.72 ug/ml



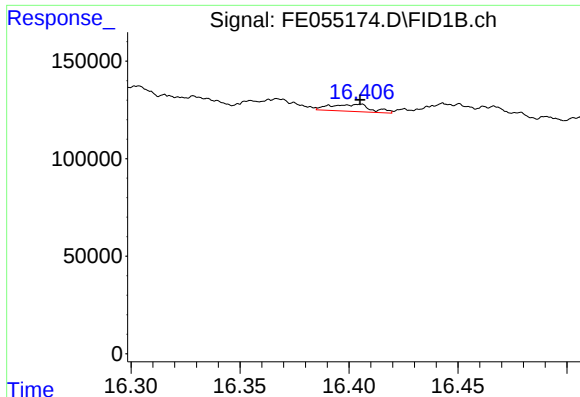
#13 n-Docosane (C22)

R.T.: 14.251 min
Delta R.T.: -0.024 min
Response: 426167
Conc: 3.49 ug/ml



#14 n-Tetracosane (C24)

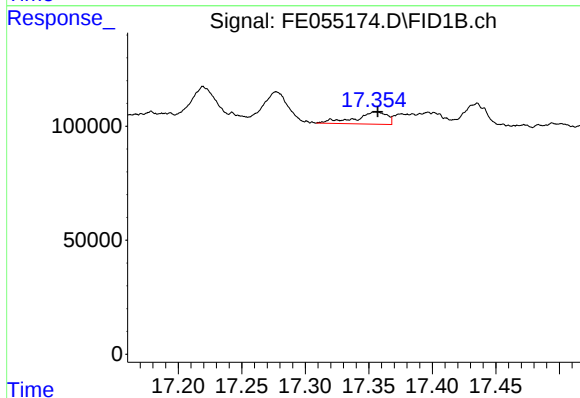
R.T.: 15.378 min
Delta R.T.: -0.004 min
Response: 330570
Conc: 2.72 ug/ml



#15 n-Hexacosane (C26)

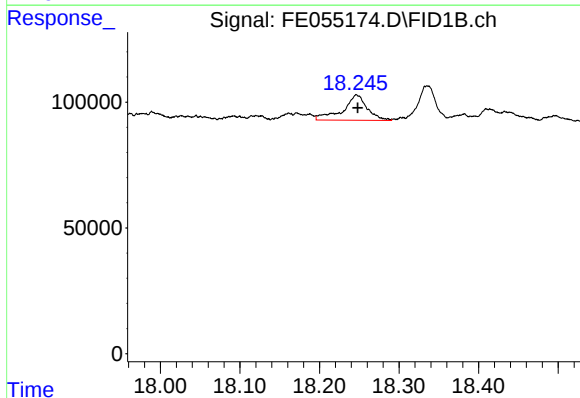
R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 47872
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :
248DL



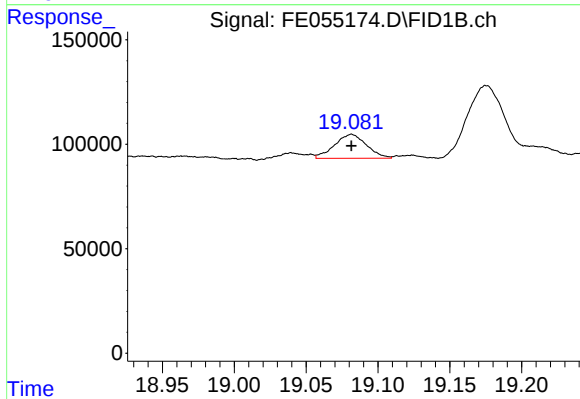
#16 n-Octacosane (C28)

R.T.: 17.356 min
Delta R.T.: -0.001 min
Response: 94048
Conc: 0.79 ug/ml



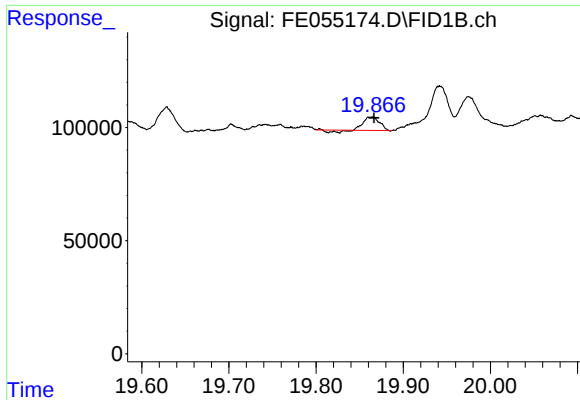
#17 n-Tricontane (C30)

R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 215207
Conc: 1.75 ug/ml



#18 n-Dotriacontane (C32)

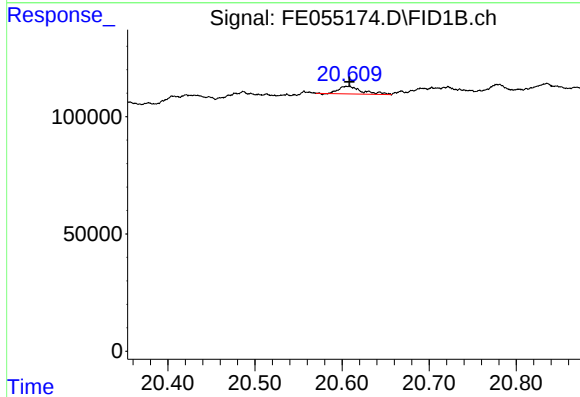
R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 178215
Conc: 1.46 ug/ml



#19 n-Tetratriacontane (C34)

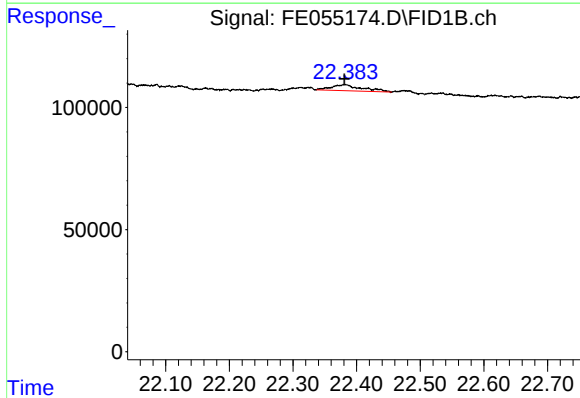
R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 69290
Conc: 0.59 ug/ml

Instrument :
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#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: -0.003 min
Response: 60312
Conc: 0.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: 0.001 min
Response: 82671
Conc: 0.79 ug/ml