

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055265.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 19:30
 Operator : YP\AJ
 Sample : Q2827-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 04:07:07 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)	12.091	5785263	40.512 ug/ml
Spiked Amount 50.000		Recovery =	81.02%
12) S 1-chlorooctadecane (S...	13.527	4545894	42.278 ug/ml
Spiked Amount 50.000		Recovery =	84.56%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.404	58872	0.439 ug/ml
4) T n-Dodecane (C12)	6.879	17828	0.150 ug/ml
5) T A~2-methylnaphthalene...	7.498	198624	1.523 ug/ml
6) T n-Tetradecane (C14)	8.655	631771	5.153 ug/ml
7) T n-Hexadecane (C16)	10.329	424711	3.322 ug/ml
8) T n-Octadecane (C18)	11.753	129775	0.995 ug/ml
10) T n-Eicosane (C20)	13.075	210436	1.677 ug/ml
11) T n-Heneicosane (C21)	13.693	68331	0.554 ug/ml
13) T n-Docosane (C22)	14.278	86023	0.704 ug/ml
14) T n-Tetracosane (C24)	15.384	151975	1.249 ug/ml
15) T n-Hexacosane (C26)	16.411	235670	1.970 ug/ml
16) T n-Octacosane (C28)	17.365	349567	2.947 ug/ml
17) T n-Tricontane (C30)	18.253	379712	3.086 ug/ml
18) T n-Dotriacontane (C32)	19.088	324143	2.657 ug/ml
19) T n-Tetratriacontane (C34)	19.875	58280	0.498 ug/ml
20) T n-Hexatriacontane (C36)	20.635	288138	2.636 ug/ml
22) T n-Tetracontane (C40)	22.391	134856	1.290 ug/ml

(f)=RT Delta > 1/2 Window

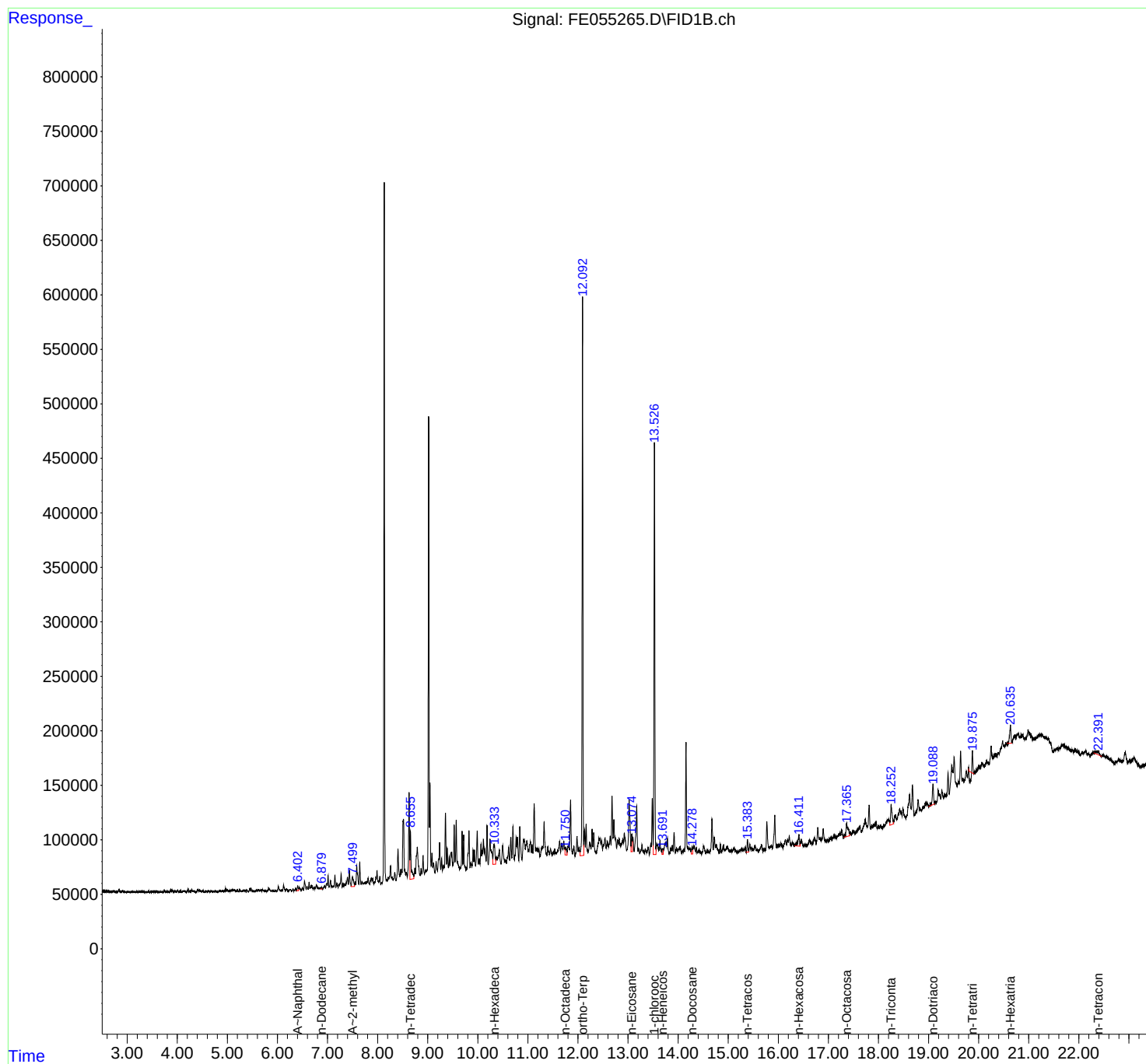
(m)=manual int.

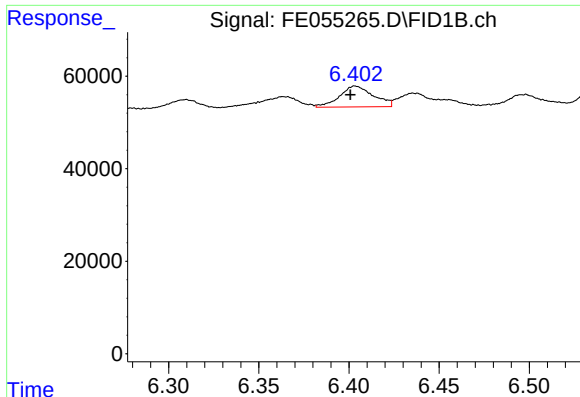
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
Data File : FE055265.D
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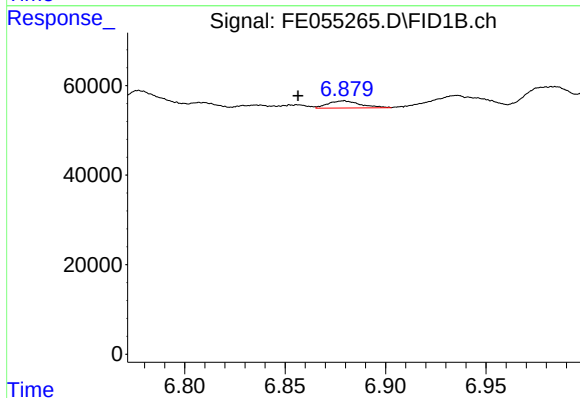




#3 A~Naphthalene (C11.7)

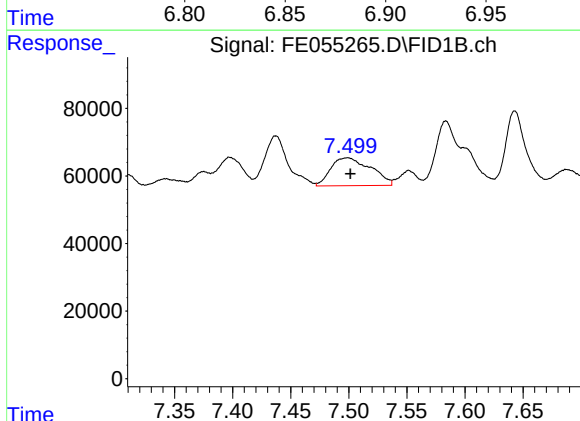
R.T.: 6.404 min
Delta R.T.: 0.003 min
Response: 58872
Conc: 0.44 ug/ml

Instrument :
FID_C
ClientSampleId :



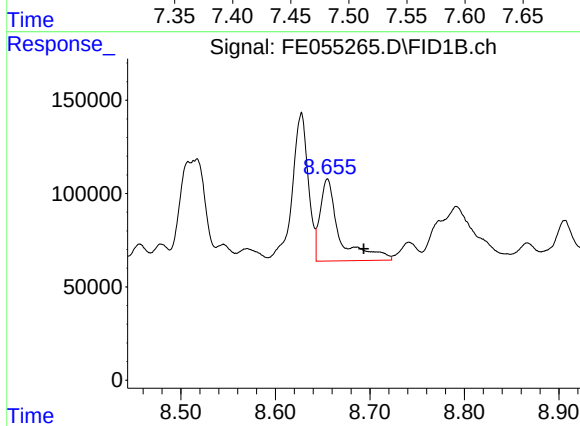
#4 n-Dodecane (C12)

R.T.: 6.879 min
Delta R.T.: 0.023 min
Response: 17828
Conc: 0.15 ug/ml



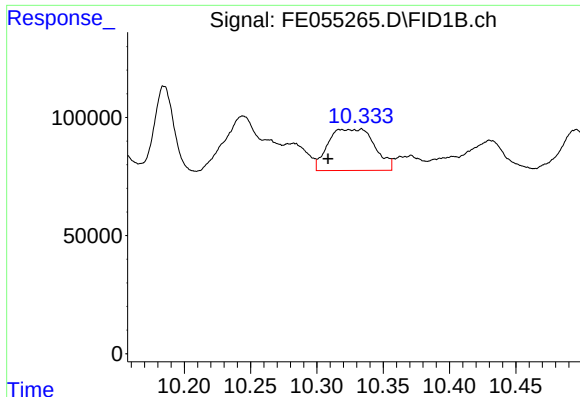
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 198624
Conc: 1.52 ug/ml



#6 n-Tetradecane (C14)

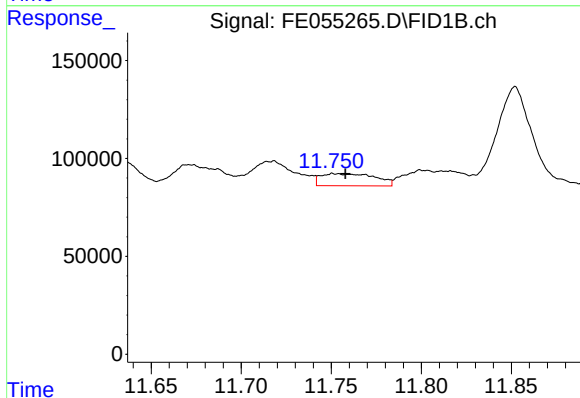
R.T.: 8.655 min
Delta R.T.: -0.038 min
Response: 631771
Conc: 5.15 ug/ml



#7 n-Hexadecane (C16)

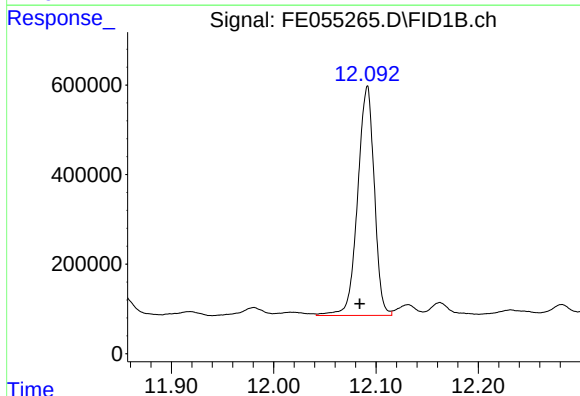
R.T.: 10.329 min
Delta R.T.: 0.021 min
Response: 424711
Conc: 3.32 ug/ml

Instrument :
FID_C
ClientSampleId :



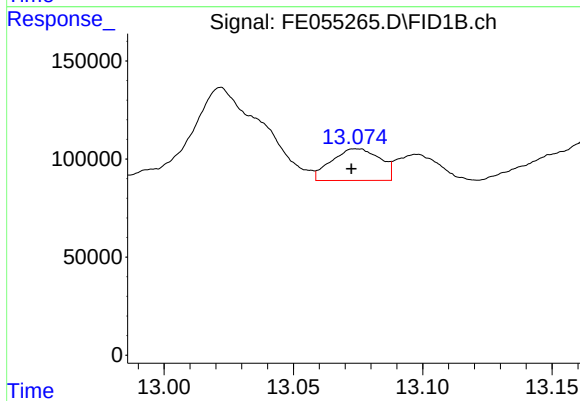
#8 n-Octadecane (C18)

R.T.: 11.753 min
Delta R.T.: -0.005 min
Response: 129775
Conc: 0.99 ug/ml



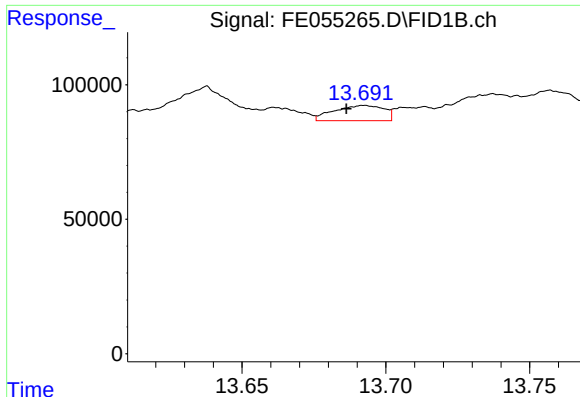
#9 ortho-Terphenyl (SURR)

R.T.: 12.091 min
Delta R.T.: 0.007 min
Response: 5785263
Conc: 40.51 ug/ml



#10 n-Eicosane (C20)

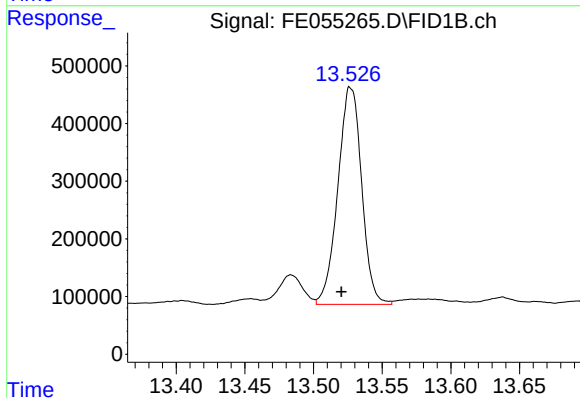
R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 210436
Conc: 1.68 ug/ml



#11 n-Heneicosane (C21)

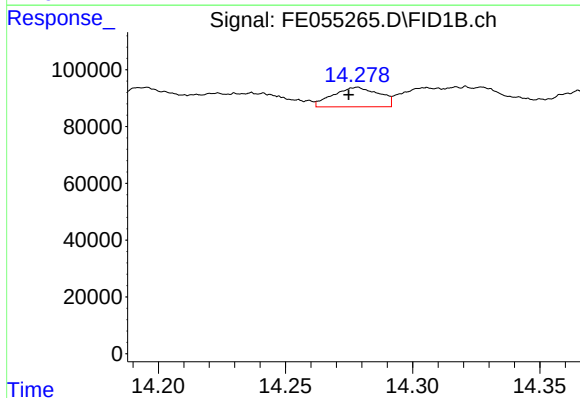
R.T.: 13.693 min
Delta R.T.: 0.006 min
Response: 68331
Conc: 0.55 ug/ml

Instrument :
FID_C
ClientSampleId :



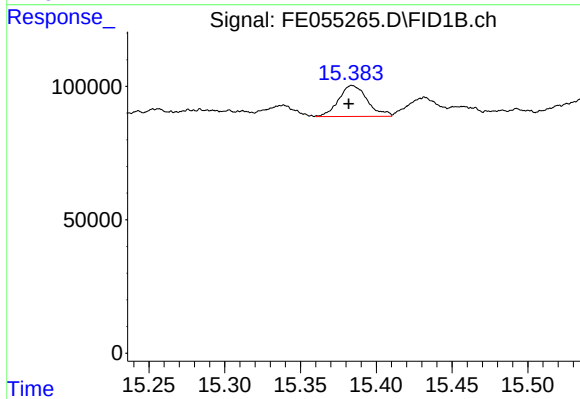
#12 1-chlorooctadecane (SURR)

R.T.: 13.527 min
Delta R.T.: 0.007 min
Response: 4545894
Conc: 42.28 ug/ml



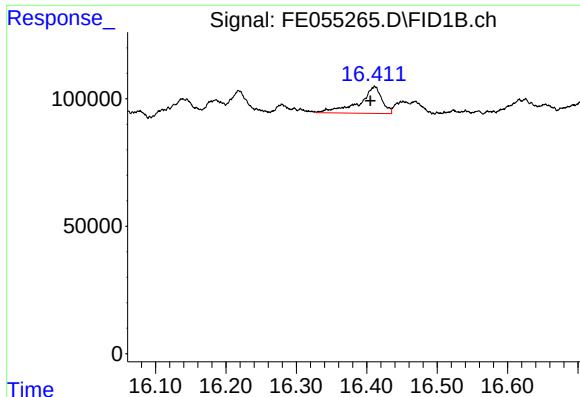
#13 n-Docosane (C22)

R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 86023
Conc: 0.70 ug/ml



#14 n-Tetracosane (C24)

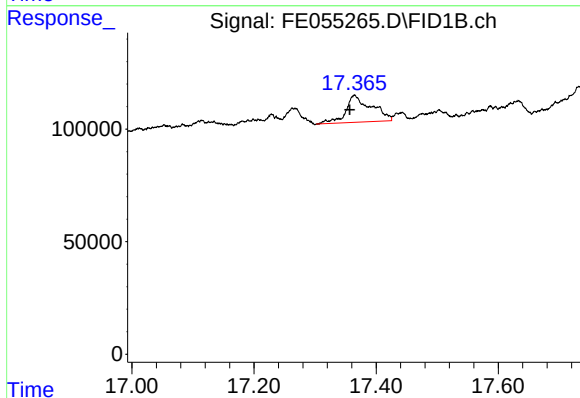
R.T.: 15.384 min
Delta R.T.: 0.003 min
Response: 151975
Conc: 1.25 ug/ml



#15 n-Hexacosane (C26)

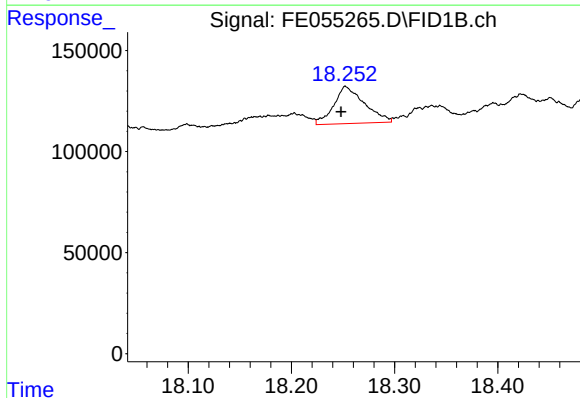
R.T.: 16.411 min
Delta R.T.: 0.006 min
Response: 235670
Conc: 1.97 ug/ml

Instrument :
FID_C
ClientSampleId :



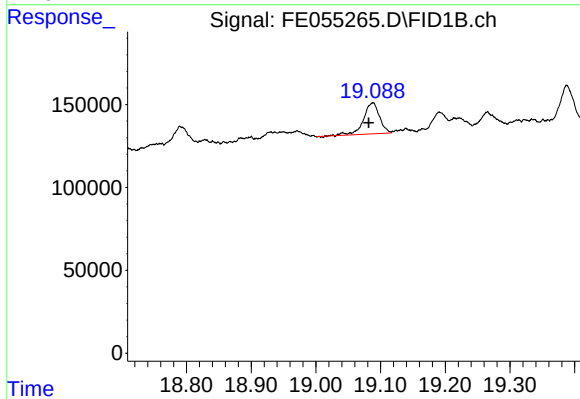
#16 n-Octacosane (C28)

R.T.: 17.365 min
Delta R.T.: 0.008 min
Response: 349567
Conc: 2.95 ug/ml



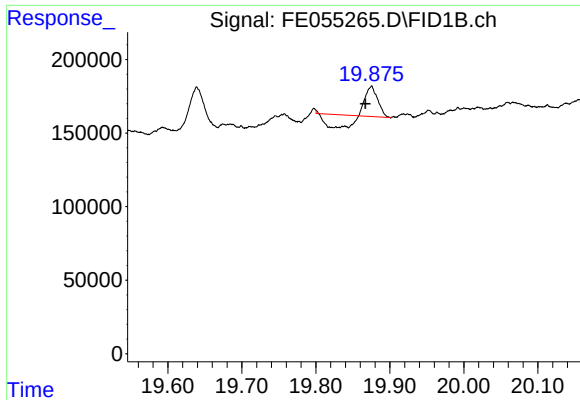
#17 n-Tricontane (C30)

R.T.: 18.253 min
Delta R.T.: 0.005 min
Response: 379712
Conc: 3.09 ug/ml



#18 n-Dotriacontane (C32)

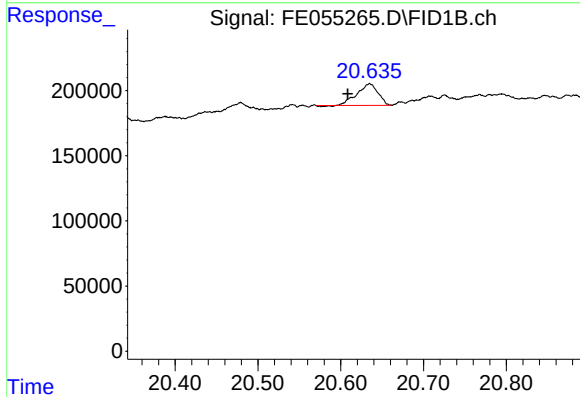
R.T.: 19.088 min
Delta R.T.: 0.006 min
Response: 324143
Conc: 2.66 ug/ml



#19 n-Tetratriacontane (C34)

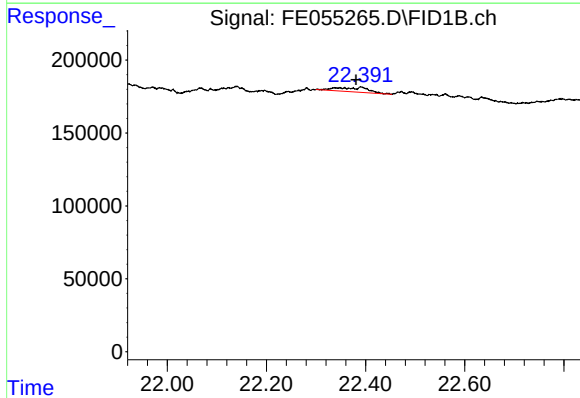
R.T.: 19.875 min
Delta R.T.: 0.008 min
Response: 58280
Conc: 0.50 ug/ml

Instrument :
FID_C
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.635 min
Delta R.T.: 0.026 min
Response: 288138
Conc: 2.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.391 min
Delta R.T.: 0.010 min
Response: 134856
Conc: 1.29 ug/ml