

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081525AL\
 Data File : FE055329.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2025 15:53
 Operator : YP\AJ
 Sample : Q2844-02DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 04:04:38 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)	12.100	11437575	80.093 ug/ml
Spiked Amount 50.000		Recovery =	160.19%
12) S 1-chlorooctadecane (S...	13.538	2945172	27.391 ug/ml
Spiked Amount 50.000		Recovery =	54.78%
Target Compounds			
4) T n-Dodecane (C12)	6.853	186565	1.567 ug/ml
5) T A~2-methylnaphthalene...	7.504	426697	3.273 ug/ml
6) T n-Tetradecane (C14)	8.685	1680058	13.702 ug/ml
7) T n-Hexadecane (C16)	10.326	1435339	11.227 ug/ml
8) T n-Octadecane (C18)	11.776	4552482	34.892 ug/ml
10) T n-Eicosane (C20)	13.065	1570734	12.519 ug/ml
11) T n-Heneicosane (C21)	13.704	1389794	11.275 ug/ml
13) T n-Docosane (C22)	14.286	1336682	10.946 ug/ml
14) T n-Tetracosane (C24)	15.389	976822	8.031 ug/ml
15) T n-Hexacosane (C26)	16.406	298860	2.498 ug/ml
16) T n-Octacosane (C28)	17.358	247016	2.082 ug/ml
17) T n-Tricontane (C30)	18.244	584831	4.753 ug/ml
18) T n-Dotriacontane (C32)	19.079	1278990	10.483 ug/ml
19) T n-Tetratriacontane (C34)	19.863	1329922	11.375 ug/ml
20) T n-Hexatriacontane (C36)	20.605	1008885	9.231 ug/ml
21) T n-Octatriacontane (C38)	21.384	724028	6.700 ug/ml
22) T n-Tetracontane (C40)	22.372	476498	4.557 ug/ml

(f)=RT Delta > 1/2 Window

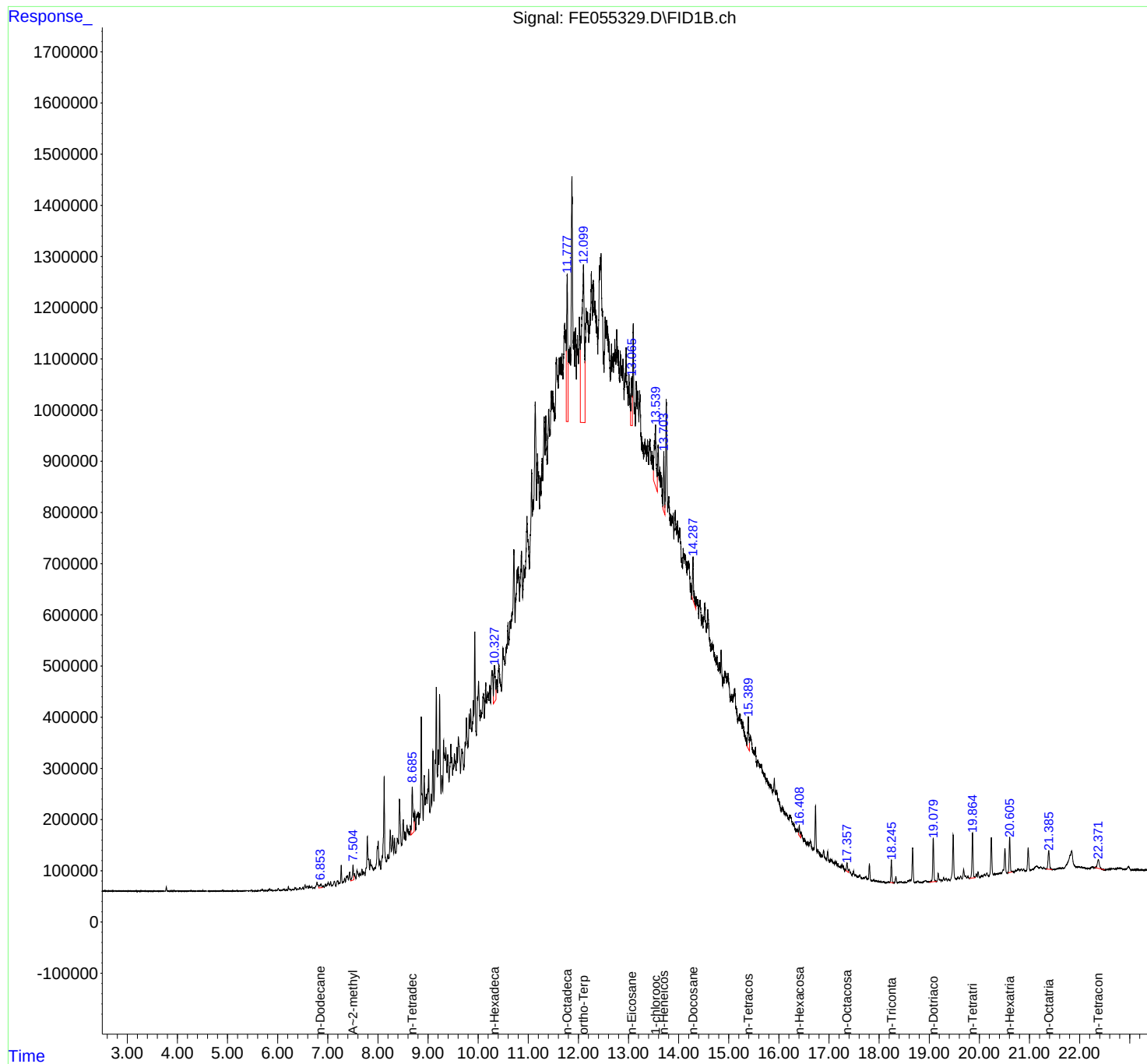
(m)=manual int.

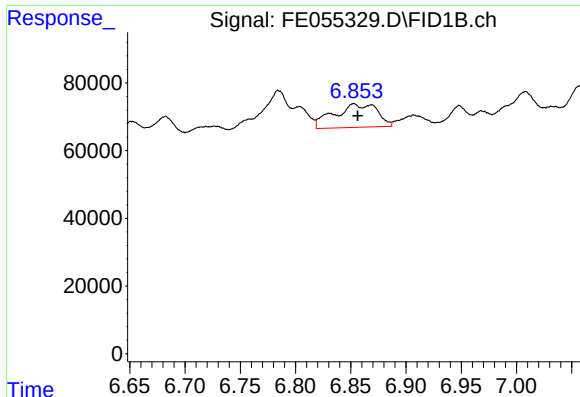
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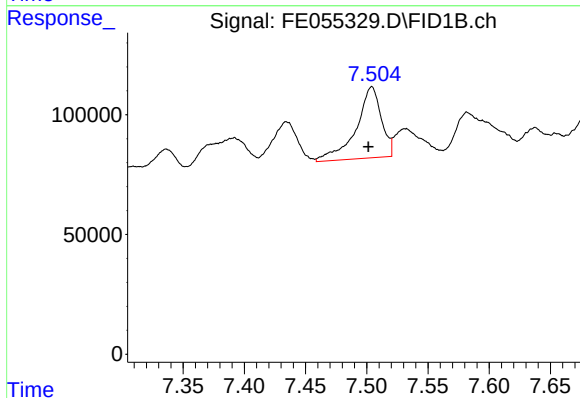




#4 n-Dodecane (C12)

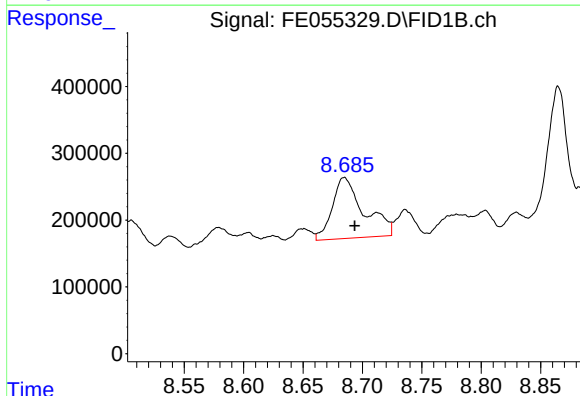
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 186565
Conc: 1.57 ug/ml

Instrument :
FID_C
ClientSampleId :



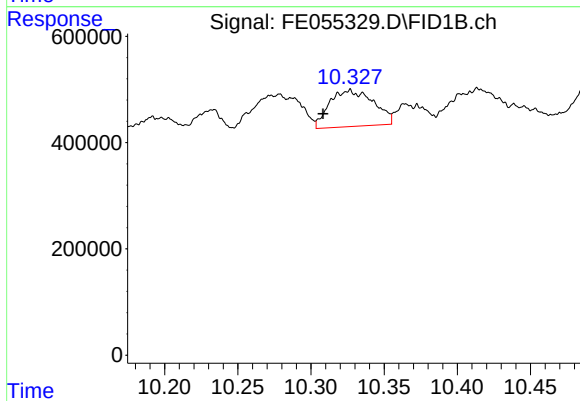
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.504 min
Delta R.T.: 0.003 min
Response: 426697
Conc: 3.27 ug/ml



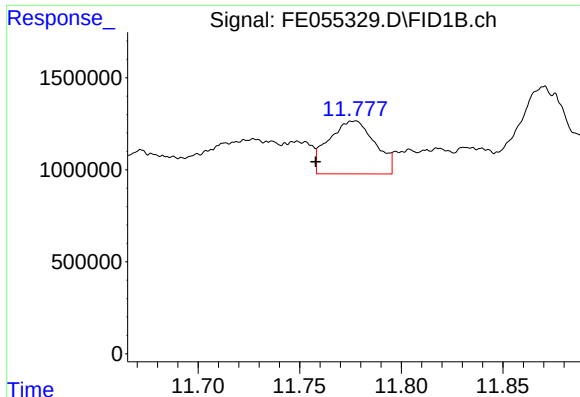
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: -0.009 min
Response: 1680058
Conc: 13.70 ug/ml



#7 n-Hexadecane (C16)

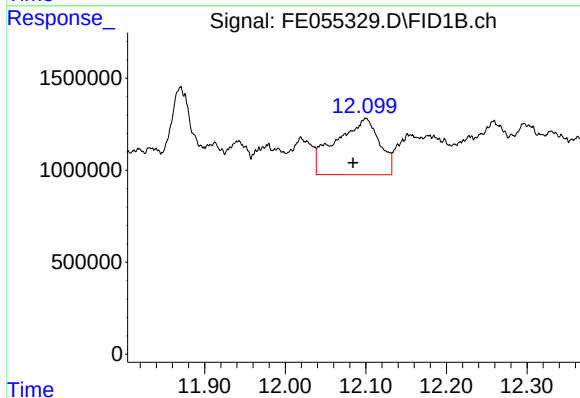
R.T.: 10.326 min
Delta R.T.: 0.018 min
Response: 1435339
Conc: 11.23 ug/ml



#8 n-Octadecane (C18)

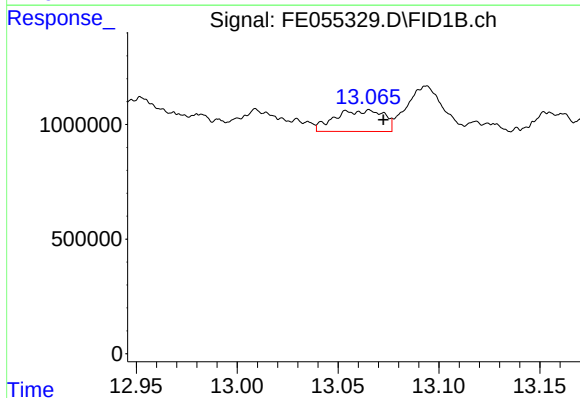
R.T.: 11.776 min
Delta R.T.: 0.019 min
Response: 4552482
Conc: 34.89 ug/ml

Instrument :
FID_C
ClientSampleId :



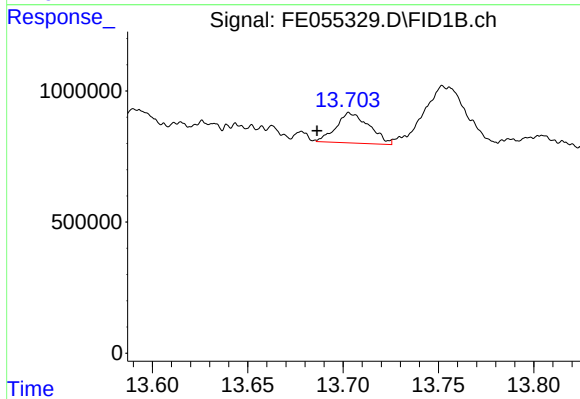
#9 ortho-Terphenyl (SURR)

R.T.: 12.100 min
Delta R.T.: 0.016 min
Response: 11437575
Conc: 80.09 ug/ml



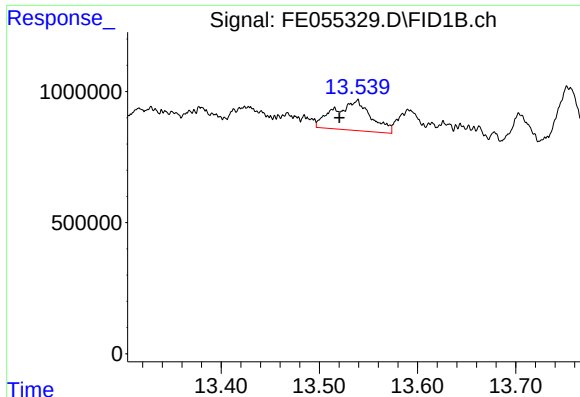
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.007 min
Response: 1570734
Conc: 12.52 ug/ml



#11 n-Heneicosane (C21)

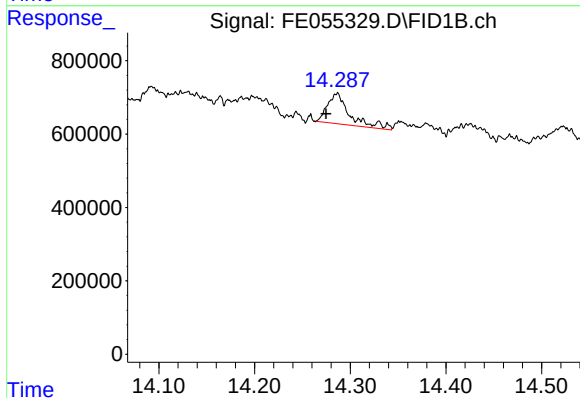
R.T.: 13.704 min
Delta R.T.: 0.018 min
Response: 1389794
Conc: 11.27 ug/ml



#12 1-chlorooctadecane (SURR)

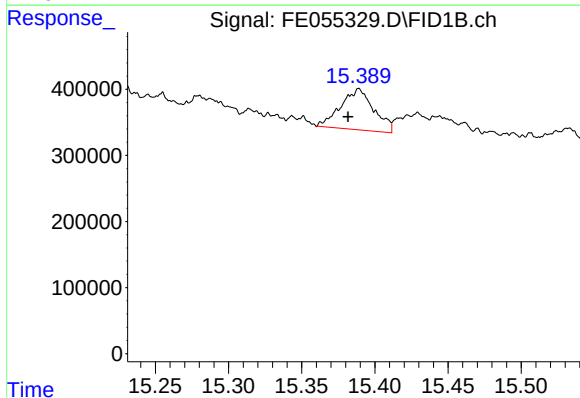
R.T.: 13.538 min
Delta R.T.: 0.017 min
Response: 2945172
Conc: 27.39 ug/ml

Instrument :
FID_C
ClientSampleId :



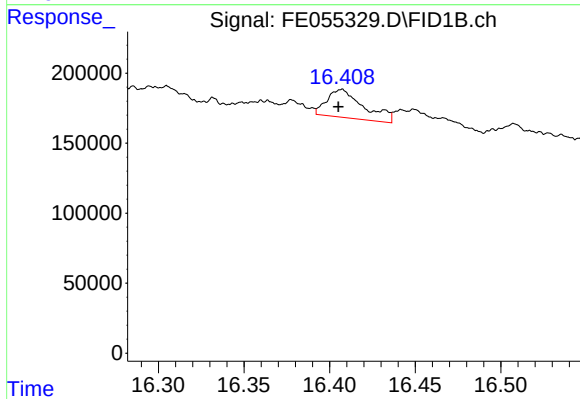
#13 n-Docosane (C22)

R.T.: 14.286 min
Delta R.T.: 0.011 min
Response: 1336682
Conc: 10.95 ug/ml



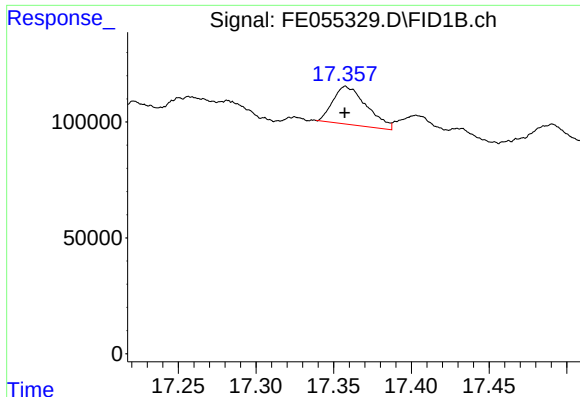
#14 n-Tetracosane (C24)

R.T.: 15.389 min
Delta R.T.: 0.007 min
Response: 976822
Conc: 8.03 ug/ml



#15 n-Hexacosane (C26)

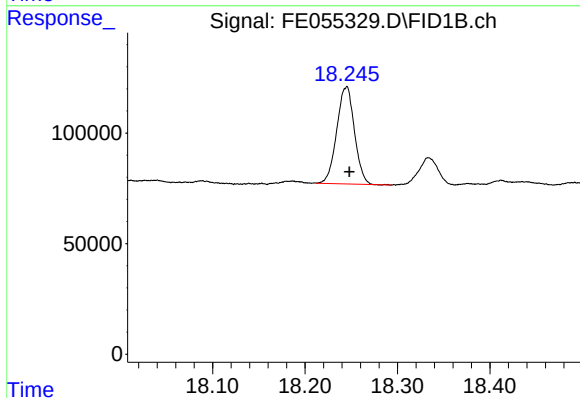
R.T.: 16.406 min
Delta R.T.: 0.001 min
Response: 298860
Conc: 2.50 ug/ml



#16 n-Octacosane (C28)

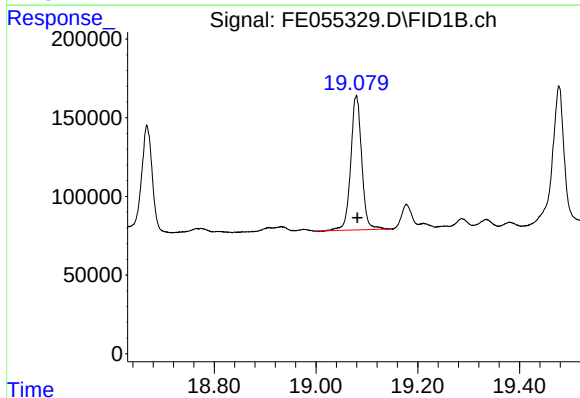
R.T.: 17.358 min
Delta R.T.: 0.001 min
Response: 247016
Conc: 2.08 ug/ml

Instrument :
FID_C
ClientSampleId :



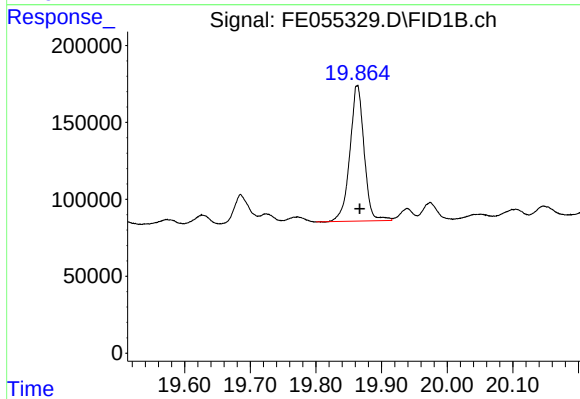
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.003 min
Response: 584831
Conc: 4.75 ug/ml



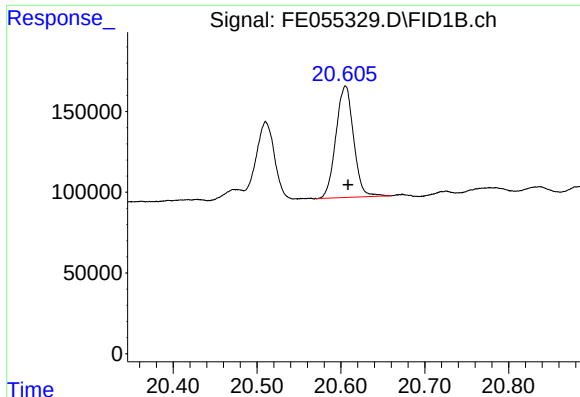
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 1278990
Conc: 10.48 ug/ml



#19 n-Tetratriacontane (C34)

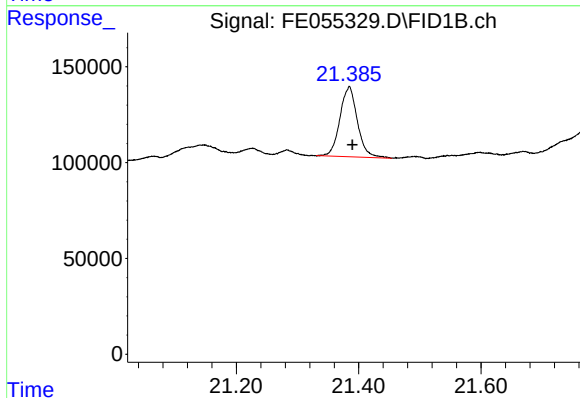
R.T.: 19.863 min
Delta R.T.: -0.004 min
Response: 1329922
Conc: 11.37 ug/ml



#20 n-Hexatriacontane (C36)

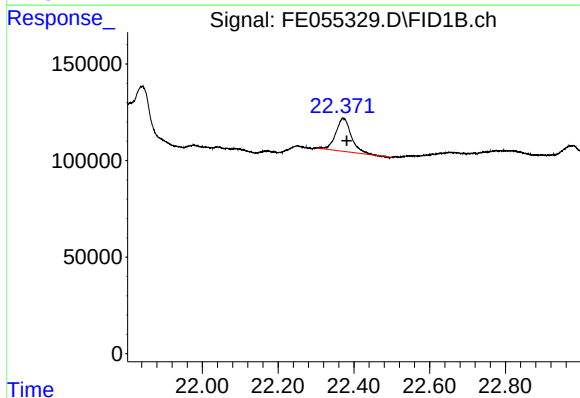
R.T.: 20.605 min
Delta R.T.: -0.003 min
Response: 1008885
Conc: 9.23 ug/ml

Instrument :
FID_C
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.005 min
Response: 724028
Conc: 6.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: -0.009 min
Response: 476498
Conc: 4.56 ug/ml