

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082525AL\
 Data File : FE055488.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2025 17:50
 Operator : YP\AJ
 Sample : Q2949-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 26 01:23:25 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)	12.088	6327752	44.311 ug/ml
Spiked Amount 50.000		Recovery =	88.62%
12) S 1-chlorooctadecane (S...	13.524	5049452	46.961 ug/ml
Spiked Amount 50.000		Recovery =	93.92%
Target Compounds			
1) T n-Nonane (C9)	3.416	25692	0.224 ug/ml
2) T n-Decane (C10)	4.678	30375	0.261 ug/ml
3) T A~Naphthalene (C11.7)	6.401	24085	0.179 ug/ml
4) T n-Dodecane (C12)	6.883	12119	0.102 ug/ml
5) T A~2-methylnaphthalene...	7.498	9223	0.071 ug/ml
6) T n-Tetradecane (C14)	8.692	40096	0.327 ug/ml
7) T n-Hexadecane (C16)	10.308	28450	0.223 ug/ml
8) T n-Octadecane (C18)	11.759	17705	0.136 ug/ml
10) T n-Eicosane (C20)	13.073	38655	0.308 ug/ml
11) T n-Heneicosane (C21)	13.679	73828	0.599 ug/ml
13) T n-Docosane (C22)	14.277	18921	0.155 ug/ml
14) T n-Tetracosane (C24)	15.377	100995	0.830 ug/ml
15) T n-Hexacosane (C26)	16.407	105033	0.878 ug/ml
16) T n-Octacosane (C28)	17.359	309689	2.611 ug/ml
17) T n-Tricontane (C30)	18.250	507427	4.124 ug/ml
18) T n-Dotriacontane (C32)	19.082	1583084	12.975 ug/ml
19) T n-Tetratriacontane (C34)	19.870	2055678	17.582 ug/ml
20) T n-Hexatriacontane (C36)	20.613	5245413	47.991 ug/ml
21) T n-Octatriacontane (C38)	21.392	5605676	51.870 ug/ml
22) T n-Tetracontane (C40)	22.400	1233851	11.799 ug/ml

(f)=RT Delta > 1/2 Window

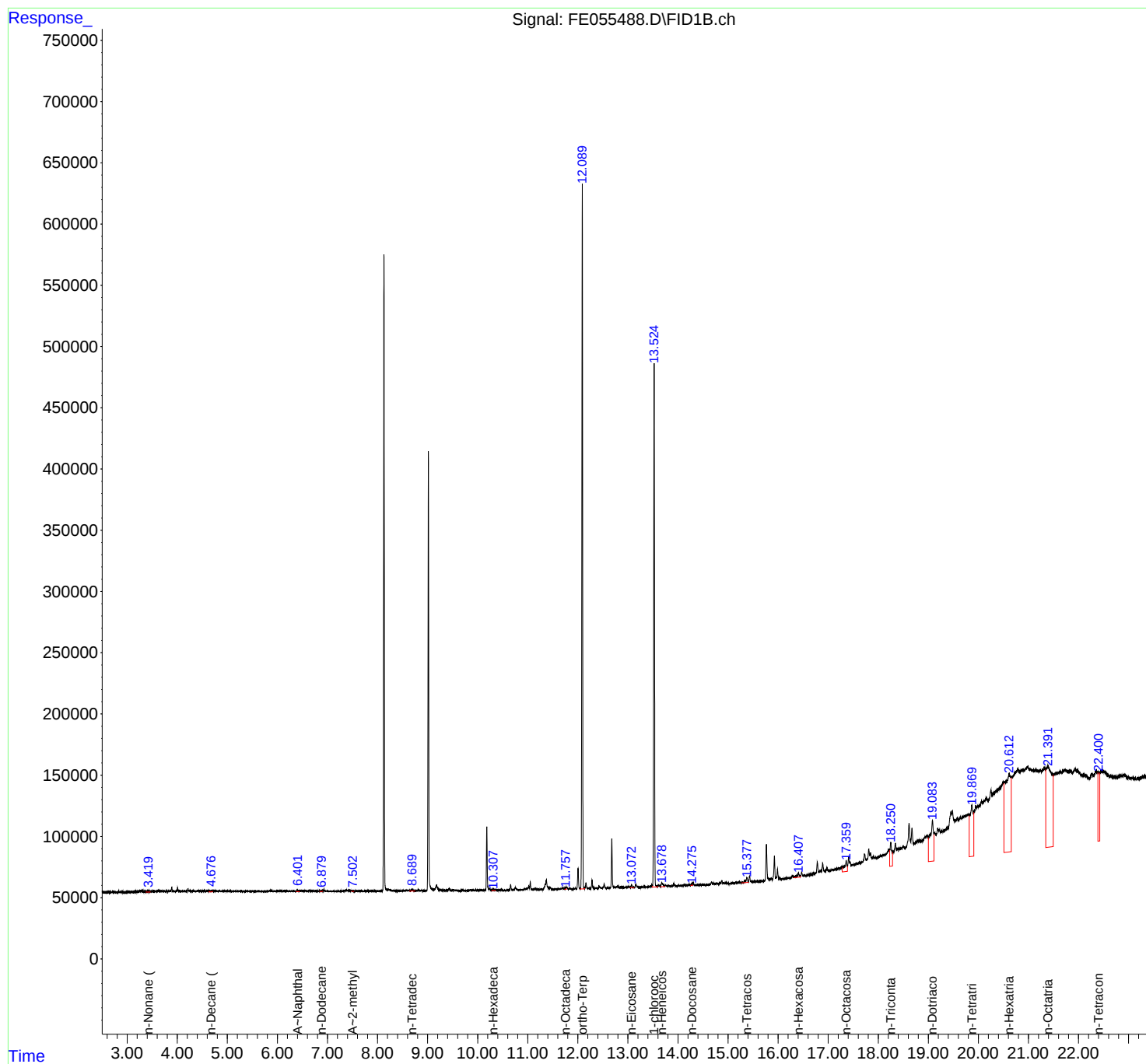
(m)=manual int.

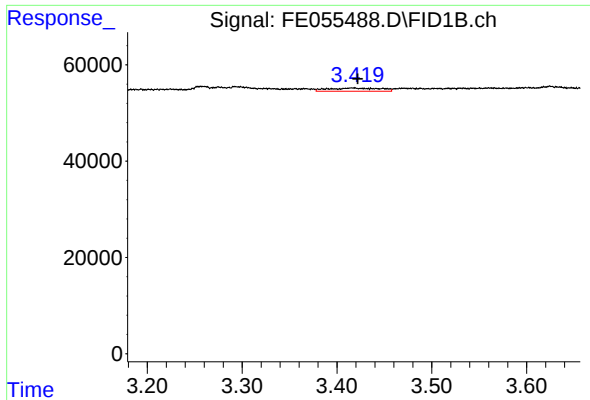
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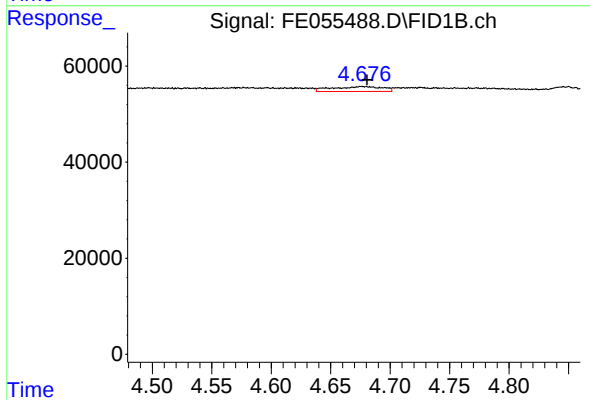




#1 n-Nonane (C9)

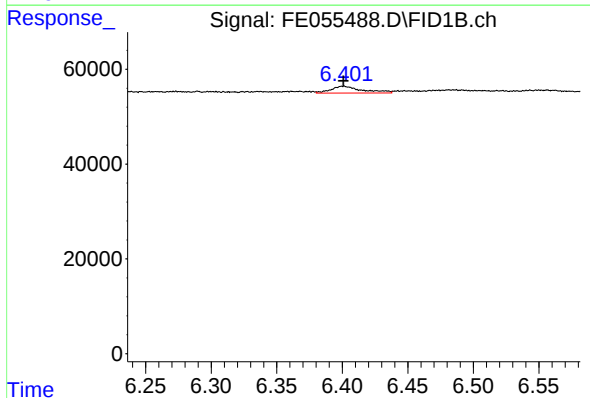
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 25692
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :



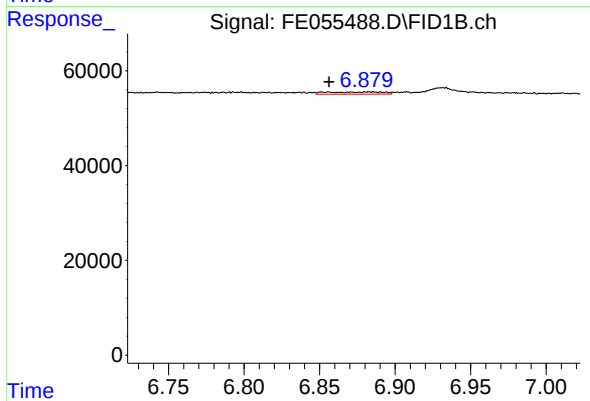
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.003 min
Response: 30375
Conc: 0.26 ug/ml



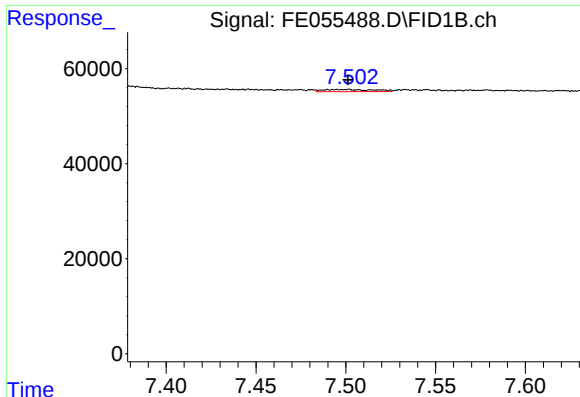
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 24085
Conc: 0.18 ug/ml



#4 n-Dodecane (C12)

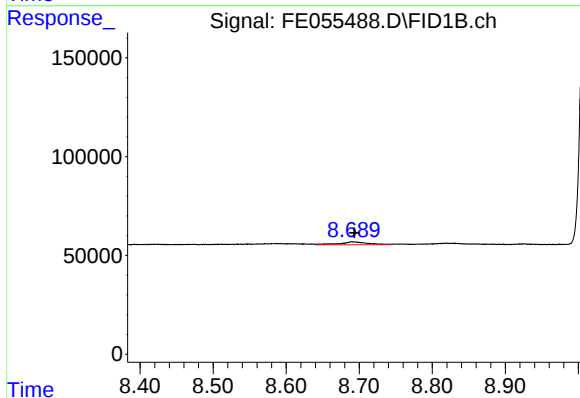
R.T.: 6.883 min
Delta R.T.: 0.027 min
Response: 12119
Conc: 0.10 ug/ml



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

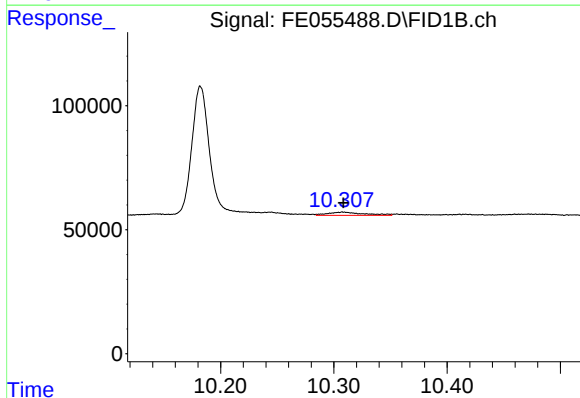
R.T.: 7.498 min
Delta R.T.: -0.004 min
Response: 9223
Conc: 0.07 ug/ml

Instrument :
FID_E
ClientSampleId :



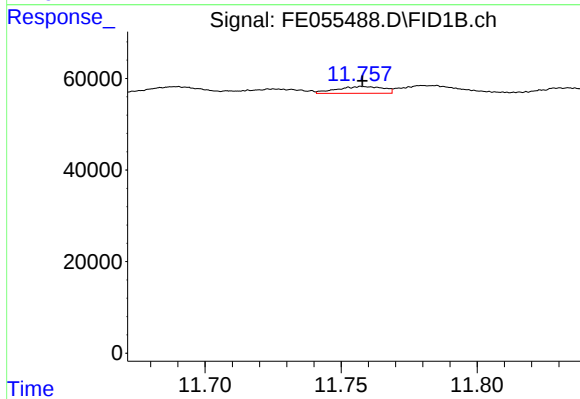
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 40096
Conc: 0.33 ug/ml



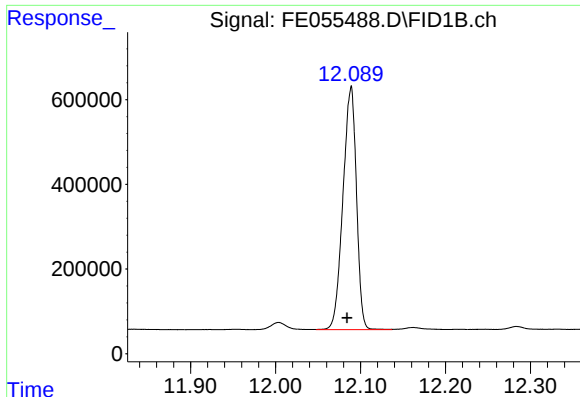
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 28450
Conc: 0.22 ug/ml



#8 n-Octadecane (C18)

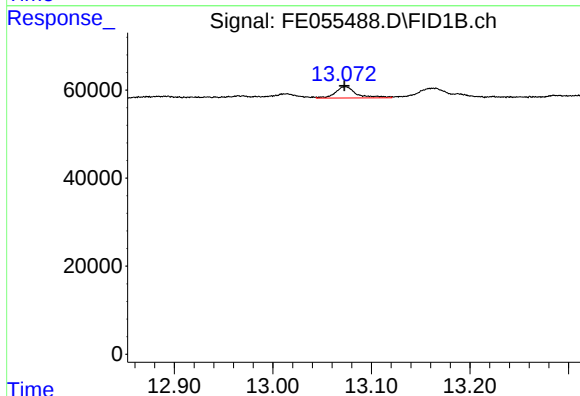
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 17705
Conc: 0.14 ug/ml



#9 ortho-Terphenyl (SURR)

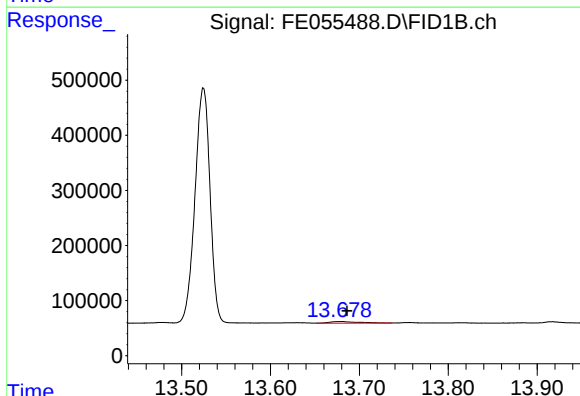
R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 6327752
Conc: 44.31 ug/ml

Instrument :
FID_E
ClientSampleId :



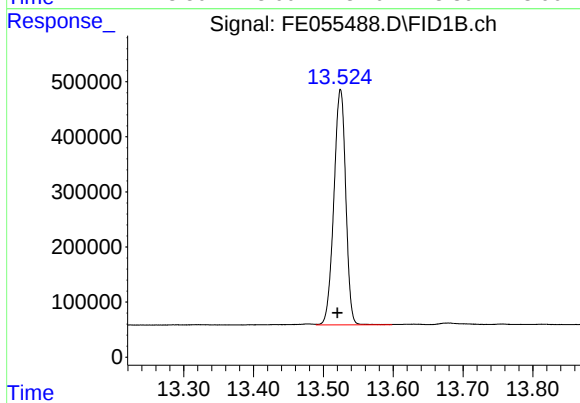
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.001 min
Response: 38655
Conc: 0.31 ug/ml



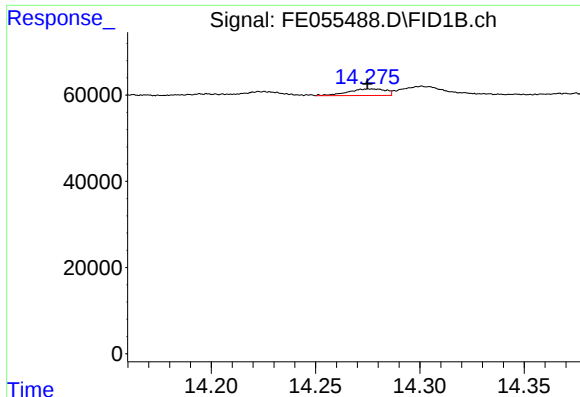
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: -0.008 min
Response: 73828
Conc: 0.60 ug/ml



#12 1-chlorooctadecane (SURR)

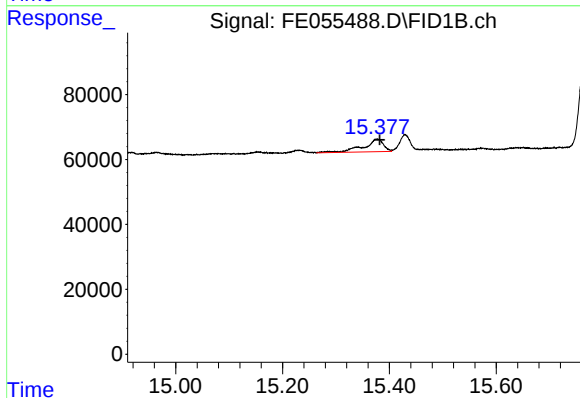
R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 5049452
Conc: 46.96 ug/ml



#13 n-Docosane (C22)

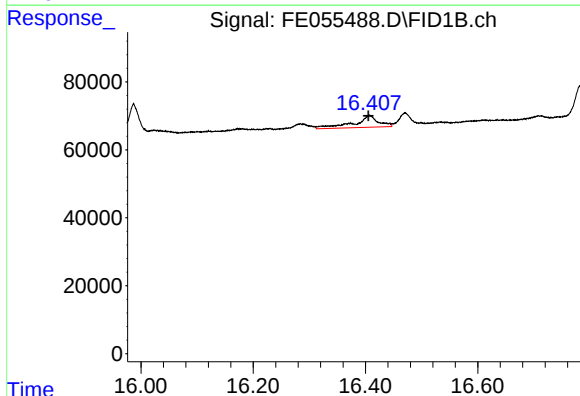
R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 18921
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :



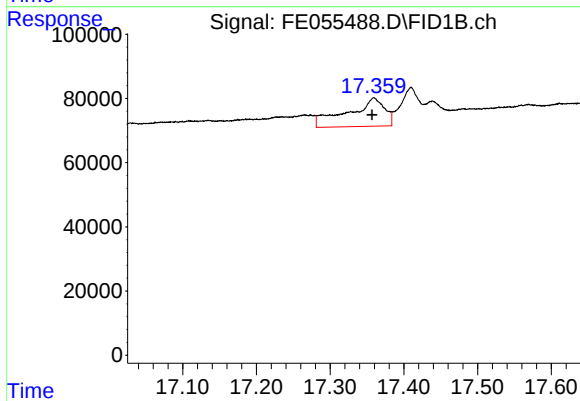
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 100995
Conc: 0.83 ug/ml



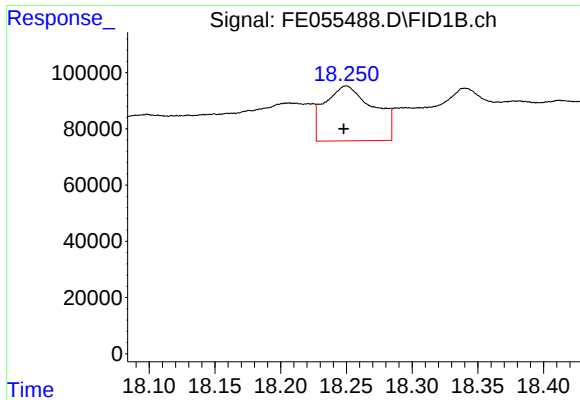
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 105033
Conc: 0.88 ug/ml



#16 n-Octacosane (C28)

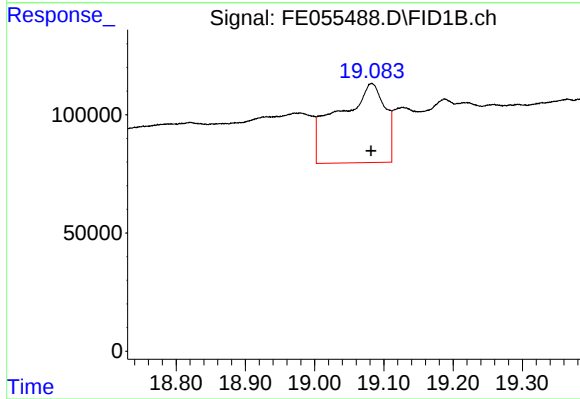
R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 309689
Conc: 2.61 ug/ml



#17 n-Tricontane (C30)

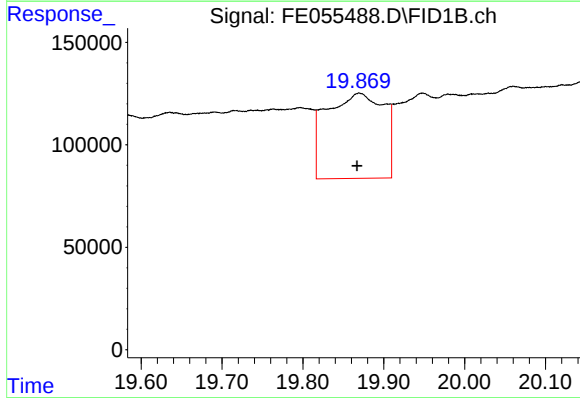
R.T.: 18.250 min
Delta R.T.: 0.002 min
Response: 507427
Conc: 4.12 ug/ml

Instrument :
FID_E
ClientSampleId :



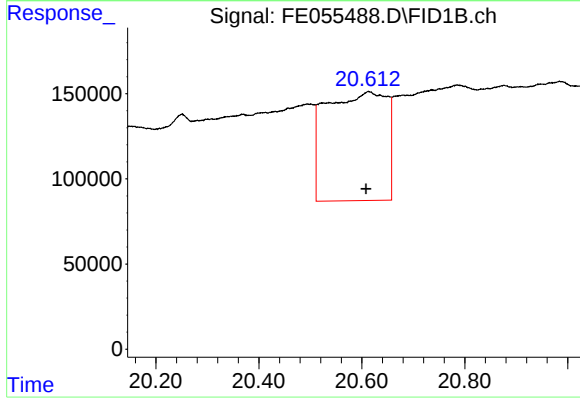
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 1583084
Conc: 12.97 ug/ml



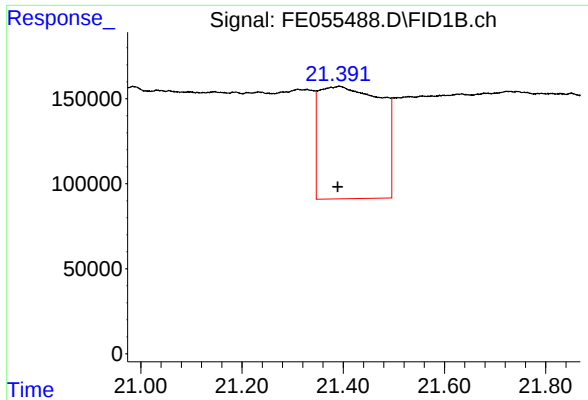
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.003 min
Response: 2055678
Conc: 17.58 ug/ml



#20 n-Hexatriacontane (C36)

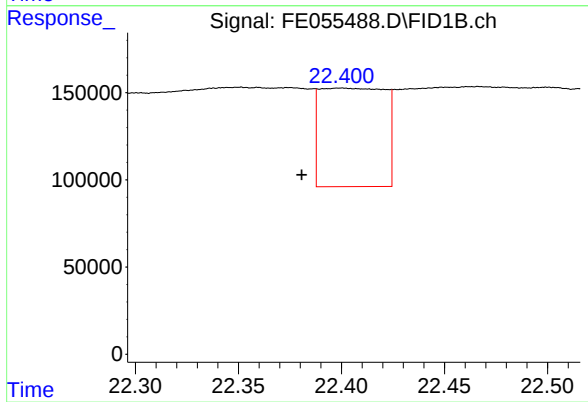
R.T.: 20.613 min
Delta R.T.: 0.005 min
Response: 5245413
Conc: 47.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.003 min
Response: 5605676
Conc: 51.87 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.400 min
Delta R.T.: 0.019 min
Response: 1233851
Conc: 11.80 ug/ml