

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082125AL\
 Data File : FE055424.D
 Signal(s) : FID1B.ch
 Acq On : 21 Aug 2025 12:12
 Operator : YP\AJ
 Sample : Q2868-07DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5DL

Integration File: sample.E
 Quant Time: Aug 22 01:17:02 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)	12.083	777344	5.443 ug/ml
Spiked Amount 50.000		Recovery =	10.89%
12) S 1-chlorooctadecane (S...	13.532	1717304	15.971 ug/ml
Spiked Amount 50.000		Recovery =	31.94%
Target Compounds			
1) T n-Nonane (C9)	3.420	10142	0.088 ug/ml
2) T n-Decane (C10)	4.632	6665	0.057 ug/ml
3) T A~Naphthalene (C11.7)	6.399	76267	0.568 ug/ml
4) T n-Dodecane (C12)	6.859	12822	0.108 ug/ml
5) T A~2-methylnaphthalene...	7.500	38474	0.295 ug/ml
6) T n-Tetradecane (C14)	8.742	21618	0.176 ug/ml
7) T n-Hexadecane (C16)	10.329	410763	3.213 ug/ml
8) T n-Octadecane (C18)	11.726	224143	1.718 ug/ml
10) T n-Eicosane (C20)	13.069	610952	4.869 ug/ml
11) T n-Heneicosane (C21)	13.718	564234	4.577 ug/ml
13) T n-Docosane (C22)	14.284	437576	3.583 ug/ml
14) T n-Tetracosane (C24)	15.383	3070688	25.245 ug/ml
15) T n-Hexacosane (C26)	16.374	227668	1.903 ug/ml
16) T n-Octacosane (C28)	17.389	1188405	10.018 ug/ml
17) T n-Tricontane (C30)	18.270	848711	6.897 ug/ml
18) T n-Dotriacontane (C32)	19.053	1476704	12.103 ug/ml
19) T n-Tetratriacontane (C34)	19.868	1210380	10.352 ug/ml
20) T n-Hexatriacontane (C36)	20.603	2673190	24.458 ug/ml
21) T n-Octatriacontane (C38)	21.379	2180566	20.177 ug/ml

(f)=RT Delta > 1/2 Window

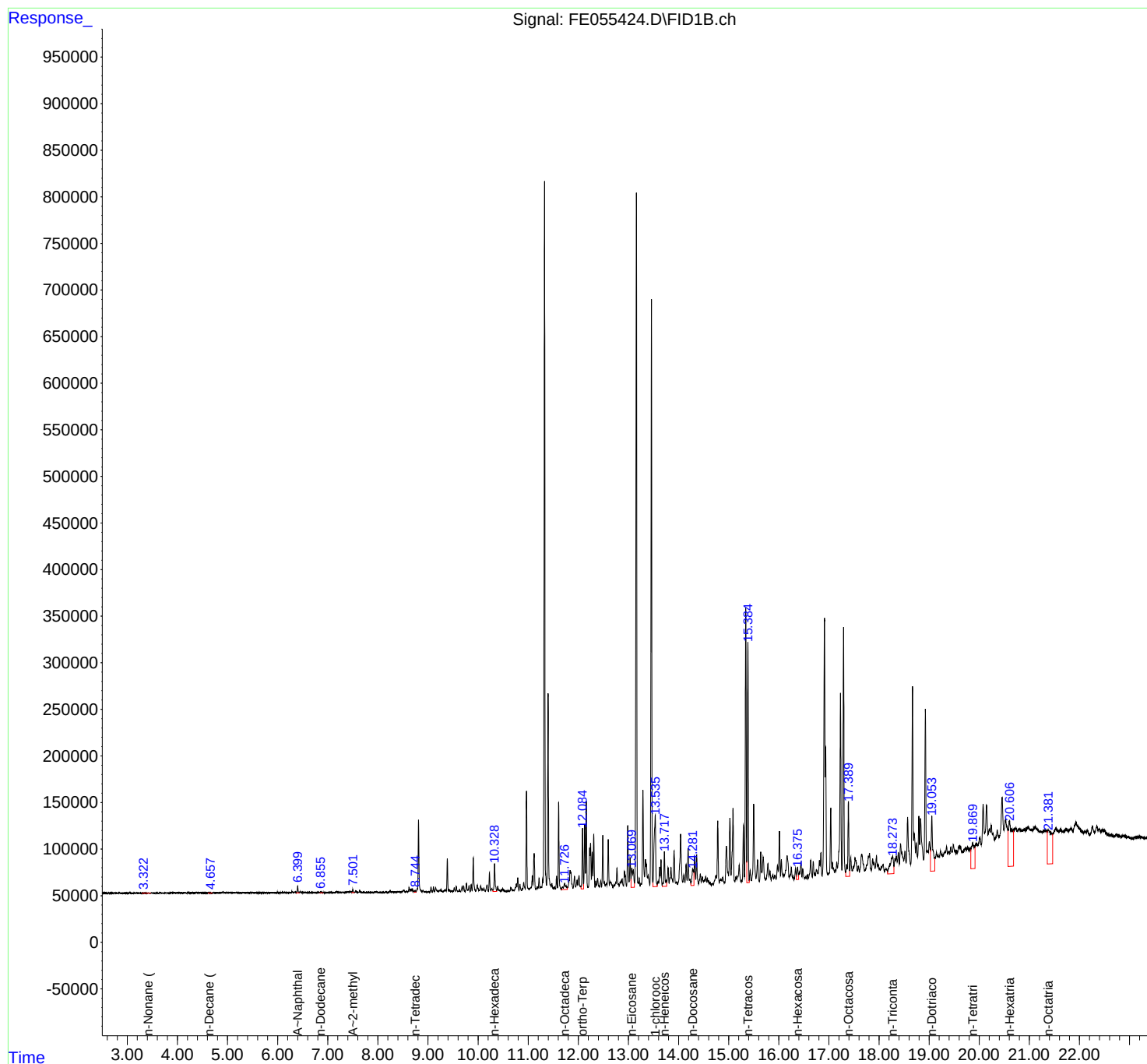
(m)=manual int.

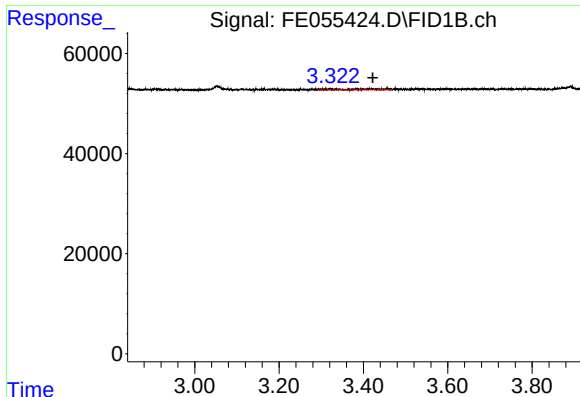
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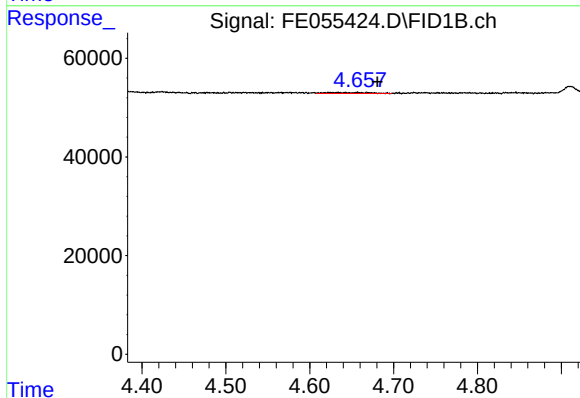




#1 n-Nonane (C9)

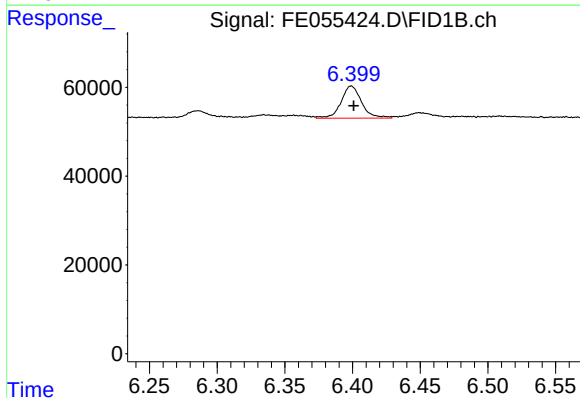
R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 10142
Conc: 0.09 ug/ml

Instrument :
FID_E
ClientSampleId :
5DL



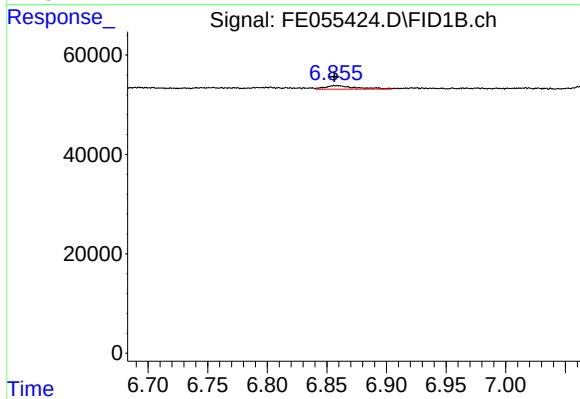
#2 n-Decane (C10)

R.T.: 4.632 min
Delta R.T.: -0.048 min
Response: 6665
Conc: 0.06 ug/ml



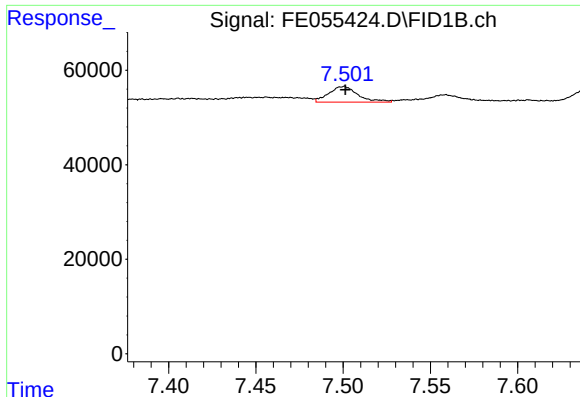
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: -0.001 min
Response: 76267
Conc: 0.57 ug/ml



#4 n-Dodecane (C12)

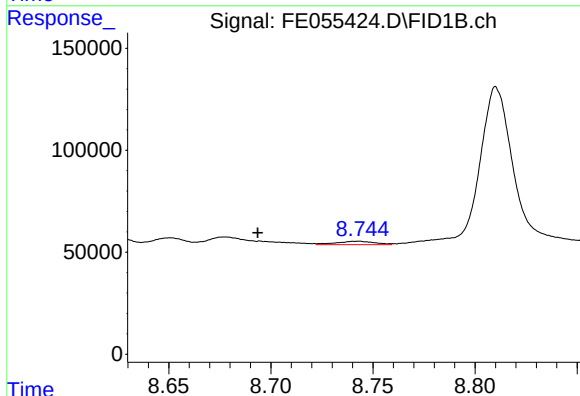
R.T.: 6.859 min
Delta R.T.: 0.002 min
Response: 12822
Conc: 0.11 ug/ml



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

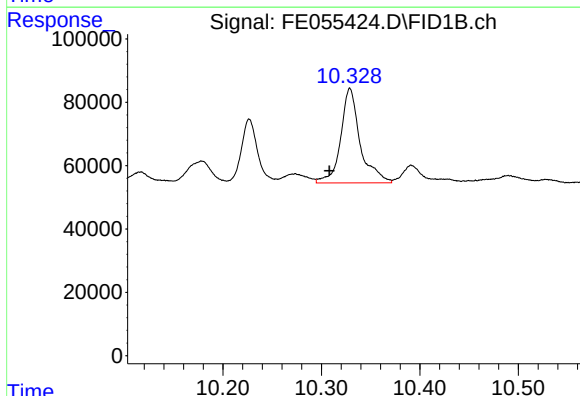
R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 38474
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :
SDL



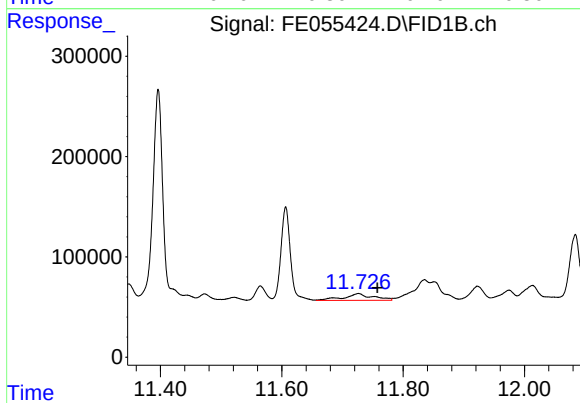
#6 n-Tetradecane (C14)

R.T.: 8.742 min
Delta R.T.: 0.049 min
Response: 21618
Conc: 0.18 ug/ml



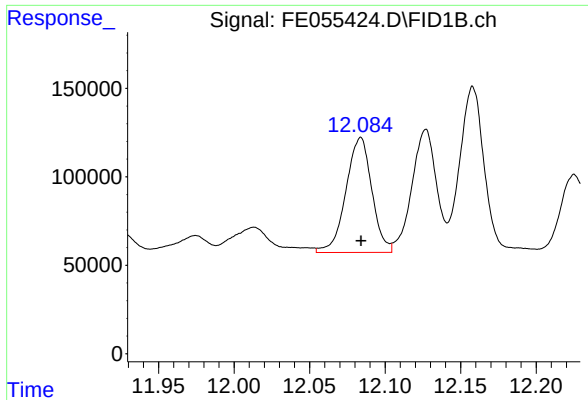
#7 n-Hexadecane (C16)

R.T.: 10.329 min
Delta R.T.: 0.021 min
Response: 410763
Conc: 3.21 ug/ml



#8 n-Octadecane (C18)

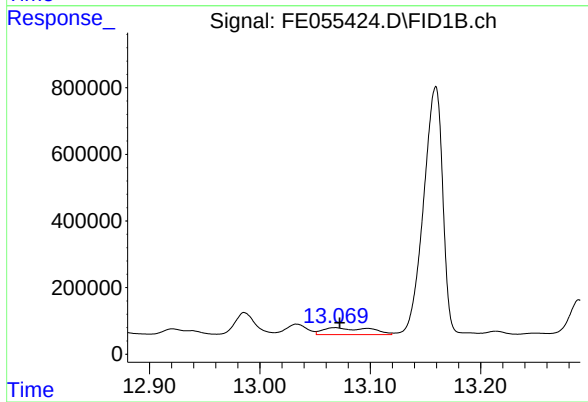
R.T.: 11.726 min
Delta R.T.: -0.032 min
Response: 224143
Conc: 1.72 ug/ml



#9 ortho-Terphenyl (SURR)

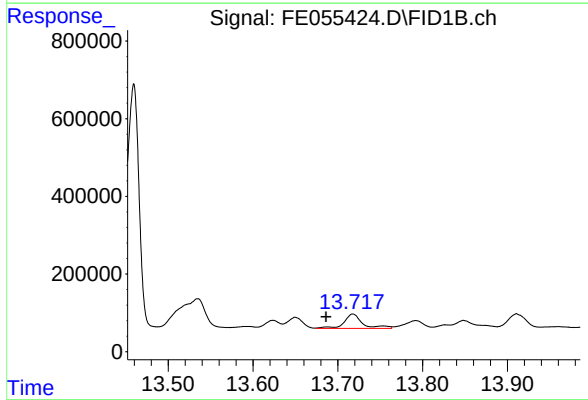
R.T.: 12.083 min
Delta R.T.: 0.000 min
Response: 777344
Conc: 5.44 ug/ml

Instrument :
FID_E
ClientSampleId :
5DL



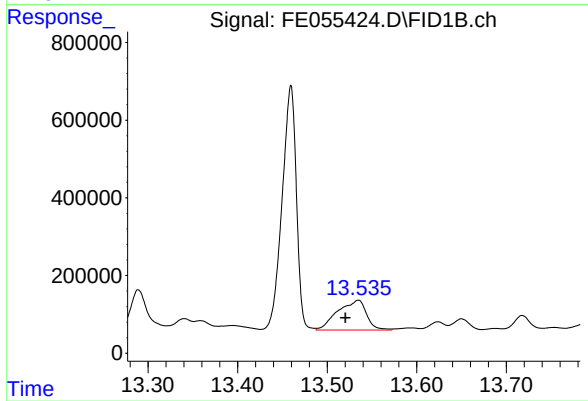
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.004 min
Response: 610952
Conc: 4.87 ug/ml



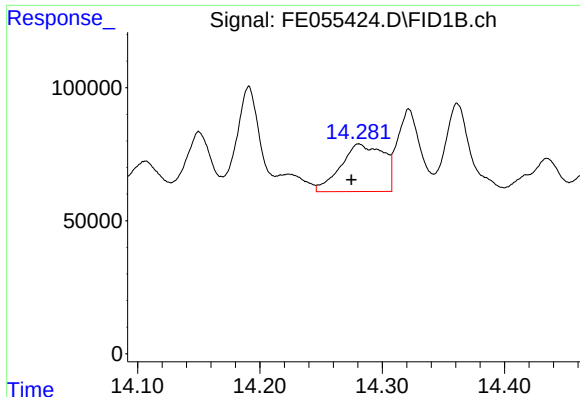
#11 n-Heneicosane (C21)

R.T.: 13.718 min
Delta R.T.: 0.032 min
Response: 564234
Conc: 4.58 ug/ml



#12 1-chlorooctadecane (SURR)

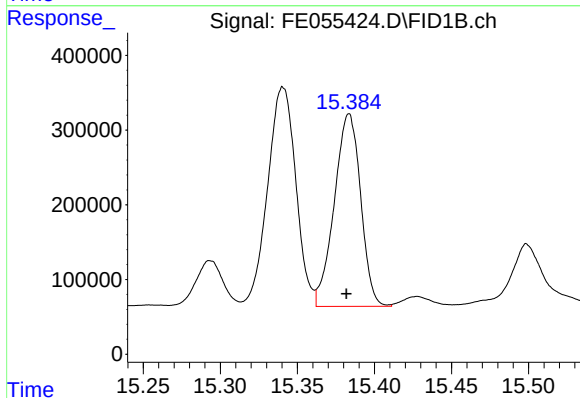
R.T.: 13.532 min
Delta R.T.: 0.011 min
Response: 1717304
Conc: 15.97 ug/ml



#13 n-Docosane (C22)

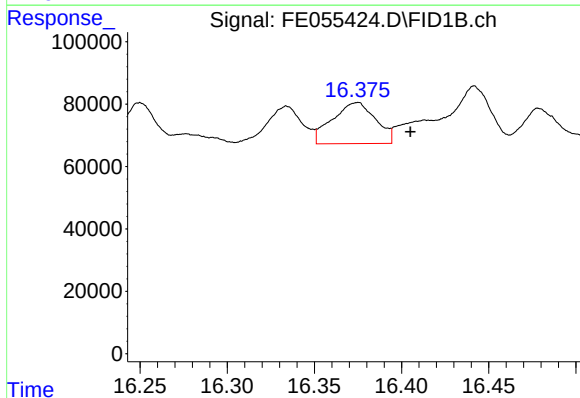
R.T.: 14.284 min
Delta R.T.: 0.009 min
Response: 437576
Conc: 3.58 ug/ml

Instrument :
FID_E
ClientSampleId :
SDL



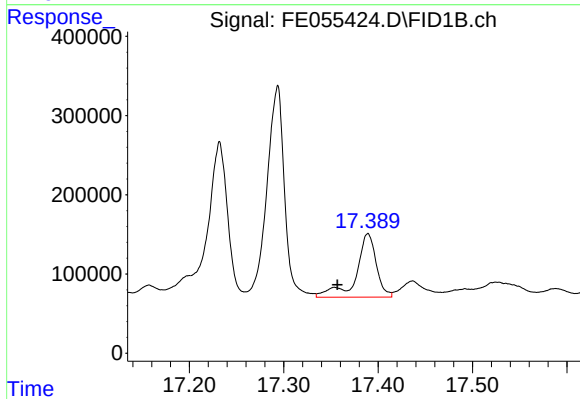
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.001 min
Response: 3070688
Conc: 25.25 ug/ml



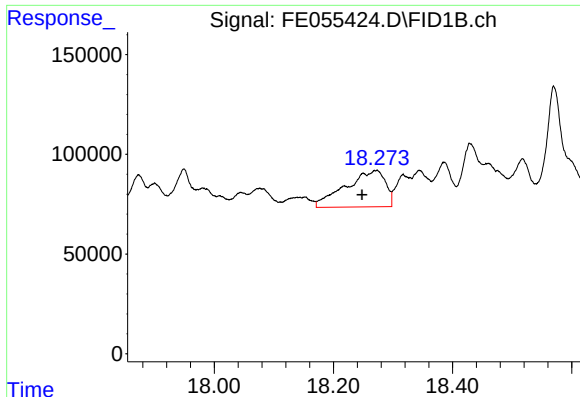
#15 n-Hexacosane (C26)

R.T.: 16.374 min
Delta R.T.: -0.031 min
Response: 227668
Conc: 1.90 ug/ml



#16 n-Octacosane (C28)

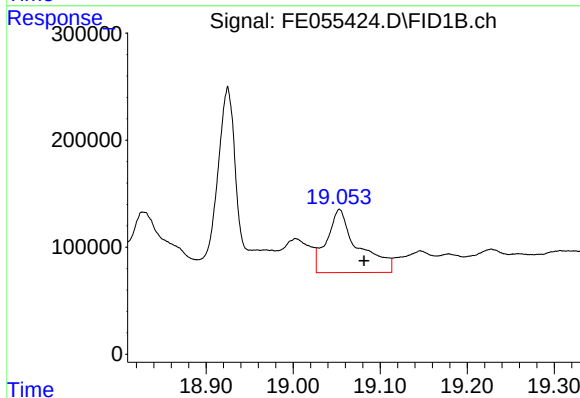
R.T.: 17.389 min
Delta R.T.: 0.032 min
Response: 1188405
Conc: 10.02 ug/ml



#17 n-Tricontane (C30)

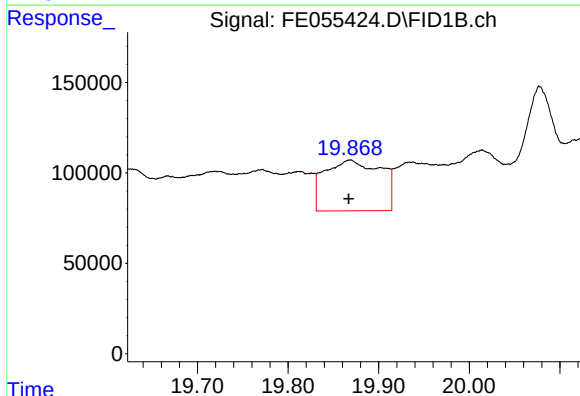
R.T.: 18.270 min
Delta R.T.: 0.022 min
Response: 848711
Conc: 6.90 ug/ml

Instrument :
FID_E
ClientSampleId :
SDL



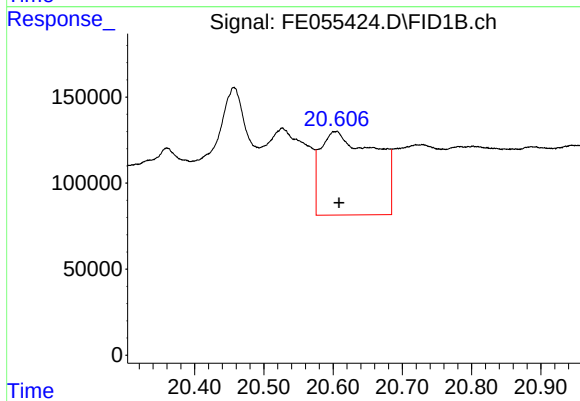
#18 n-Dotriacontane (C32)

R.T.: 19.053 min
Delta R.T.: -0.028 min
Response: 1476704
Conc: 12.10 ug/ml



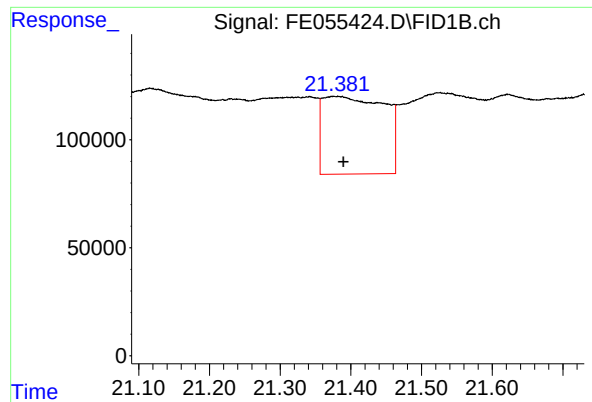
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.001 min
Response: 1210380
Conc: 10.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.603 min
Delta R.T.: -0.005 min
Response: 2673190
Conc: 24.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: -0.011 min
Response: 2180566
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
SDL