

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082525AL\
 Data File : FE055484.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2025 15:48
 Operator : YP\AJ
 Sample : Q2947-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 26 01:21:46 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)	12.069	55383966	387.833 ug/ml
Spiked Amount 50.000		Recovery =	775.67%
12) S 1-chlorooctadecane (S...	13.517	66904469	622.228 ug/ml
Spiked Amount 50.000		Recovery =	1244.46%
Target Compounds			
1) T n-Nonane (C9)	3.418	10147	0.088 ug/ml
2) T n-Decane (C10)	4.677	26156	0.225 ug/ml
3) T A~Naphthalene (C11.7)	6.400	98536	0.734 ug/ml
4) T n-Dodecane (C12)	6.854	61878	0.520 ug/ml
5) T A~2-methylnaphthalene...	7.502	99851	0.766 ug/ml
6) T n-Tetradecane (C14)	8.695	990046	8.075 ug/ml
7) T n-Hexadecane (C16)	10.294	13026118	101.891 ug/ml
8) T n-Octadecane (C18)	11.773	98163380	752.354 ug/ml
10) T n-Eicosane (C20)	13.089	52584360	419.092 ug/ml
11) T n-Heneicosane (C21)	13.671	34672014	281.274 ug/ml
13) T n-Docosane (C22)	14.310	25179934	206.190 ug/ml
14) T n-Tetracosane (C24)	15.386	22387345	184.055 ug/ml
15) T n-Hexacosane (C26)	16.361	22513806	188.171 ug/ml
16) T n-Octacosane (C28)	17.364	1849299	15.590 ug/ml
17) T n-Tricontane (C30)	18.254	3869566	31.447 ug/ml
18) T n-Dotriacontane (C32)	19.084	1976190	16.197 ug/ml
19) T n-Tetratriacontane (C34)	19.874	1927800	16.488 ug/ml
20) T n-Hexatriacontane (C36)	20.613	1643618	15.038 ug/ml
21) T n-Octatriacontane (C38)	21.393	5277128	48.830 ug/ml
22) T n-Tetracontane (C40)	22.387	838801	8.021 ug/ml

(f)=RT Delta > 1/2 Window

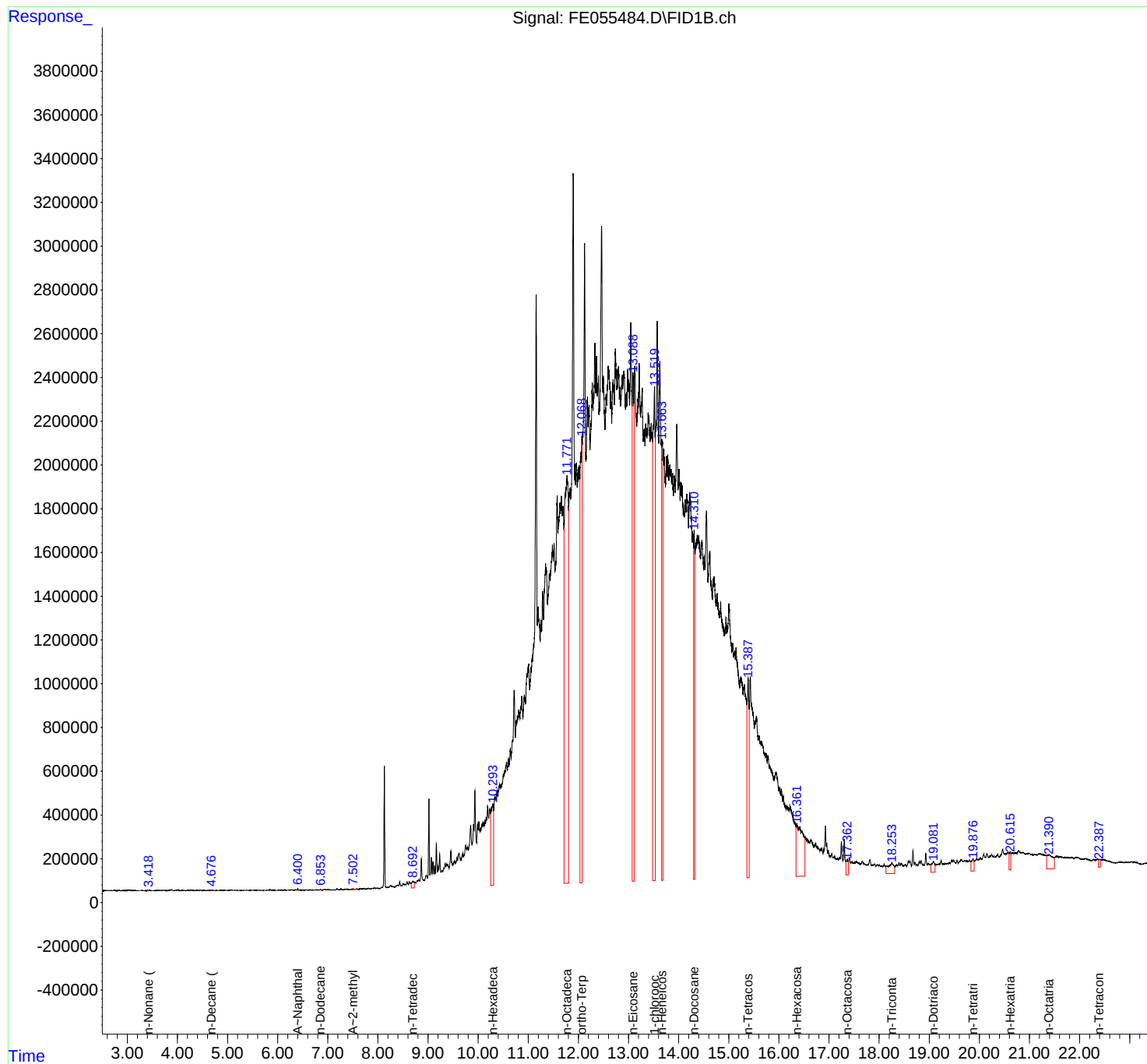
(m)=manual int.

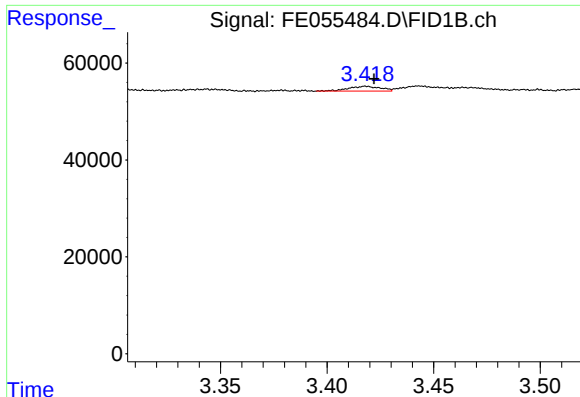
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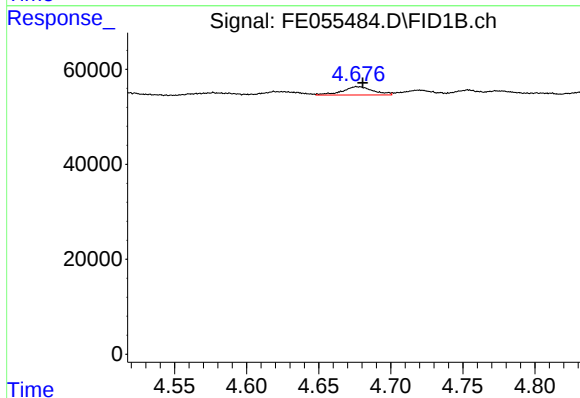




#1 n-Nonane (C9)

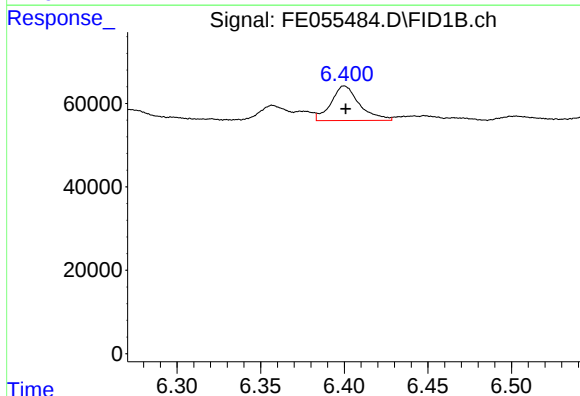
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 10147
Conc: 0.09 ug/ml

Instrument :
FID_E
ClientSampleId :



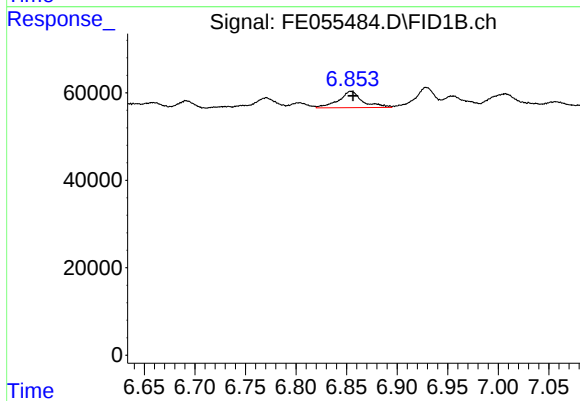
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 26156
Conc: 0.22 ug/ml



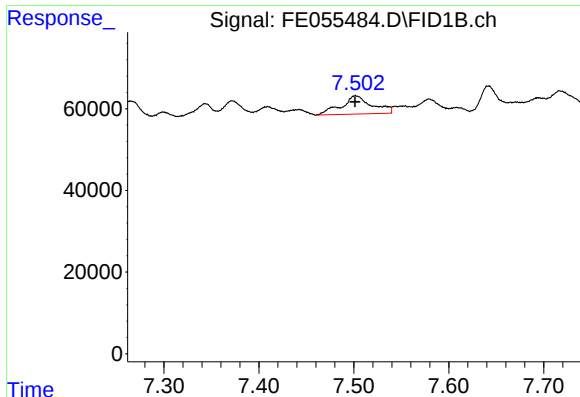
#3 A~Naphthalene (C11.7)

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 98536
Conc: 0.73 ug/ml



#4 n-Dodecane (C12)

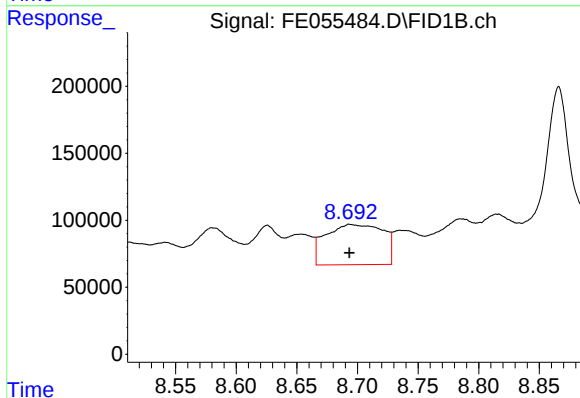
R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 61878
Conc: 0.52 ug/ml



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

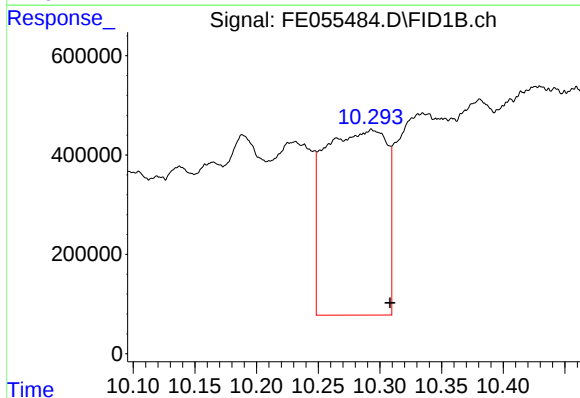
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 99851
Conc: 0.77 ug/ml

Instrument :
FID_E
ClientSampleId :



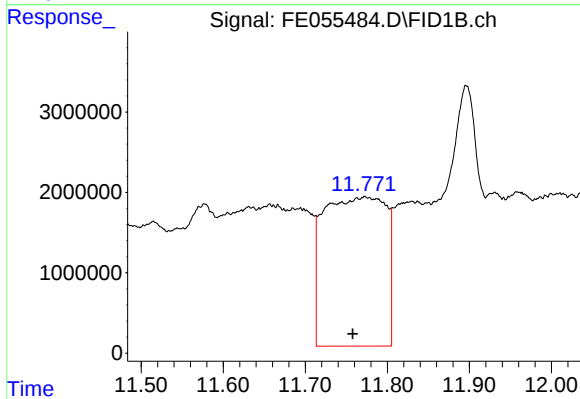
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.001 min
Response: 990046
Conc: 8.07 ug/ml



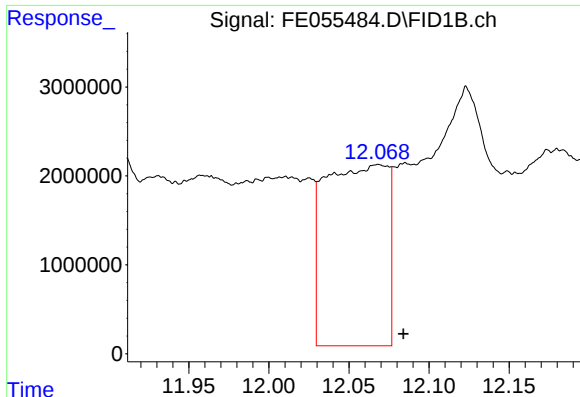
#7 n-Hexadecane (C16)

R.T.: 10.294 min
Delta R.T.: -0.014 min
Response: 13026118
Conc: 101.89 ug/ml



#8 n-Octadecane (C18)

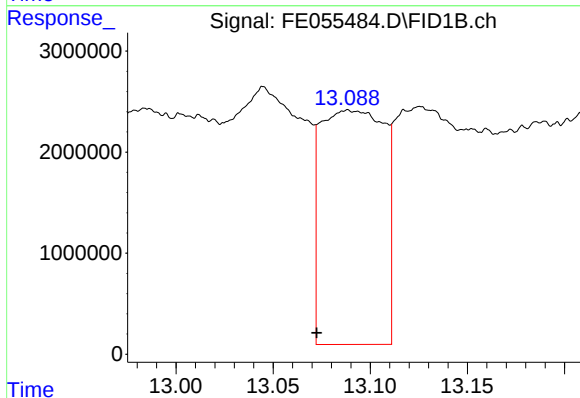
R.T.: 11.773 min
Delta R.T.: 0.016 min
Response: 98163380
Conc: 752.35 ug/ml



#9 ortho-Terphenyl (SURR)

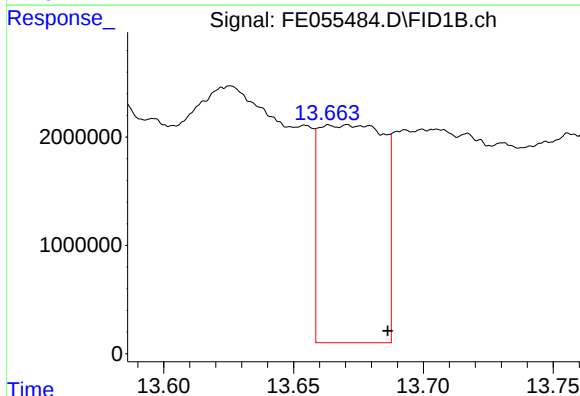
R.T.: 12.069 min
Delta R.T.: -0.015 min
Response: 55383966
Conc: 387.83 ug/ml

Instrument :
FID_E
ClientSampleId :



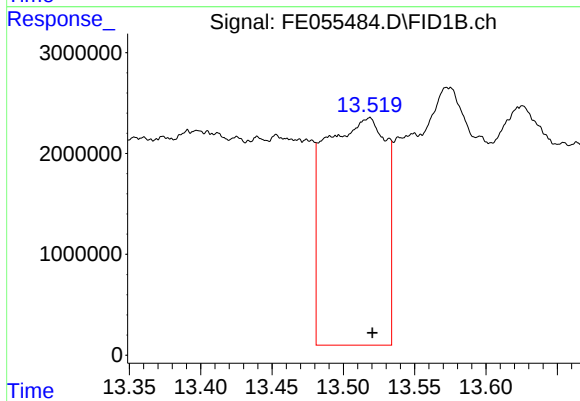
#10 n-Eicosane (C20)

R.T.: 13.089 min
Delta R.T.: 0.017 min
Response: 52584360
Conc: 419.09 ug/ml



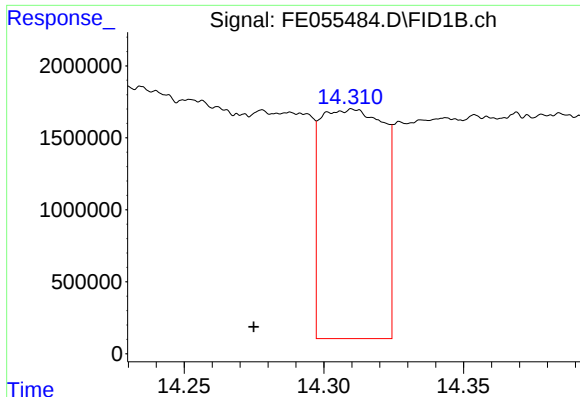
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: -0.015 min
Response: 34672014
Conc: 281.27 ug/ml



#12 1-chlorooctadecane (SURR)

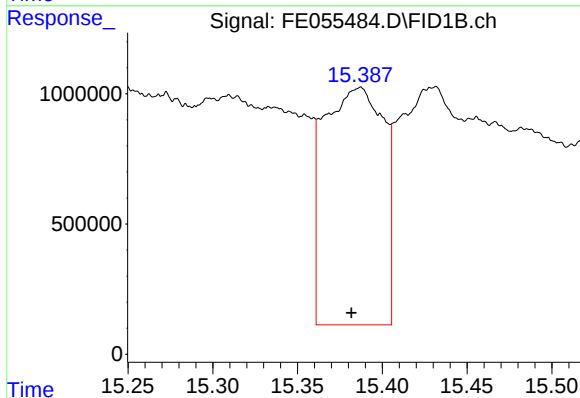
R.T.: 13.517 min
Delta R.T.: -0.003 min
Response: 66904469
Conc: 622.23 ug/ml



#13 n-Docosane (C22)

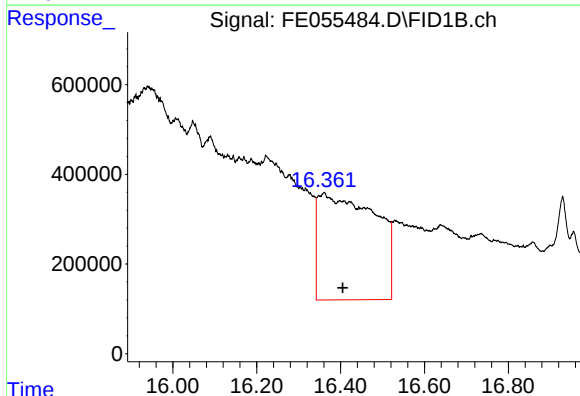
R.T.: 14.310 min
Delta R.T.: 0.035 min
Response: 25179934
Conc: 206.19 ug/ml

Instrument :
FID_E
ClientSampleId :



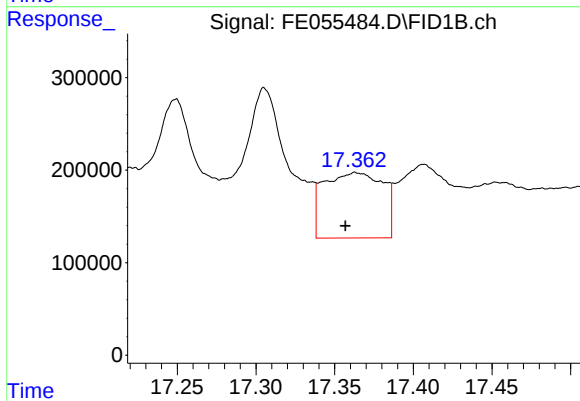
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.004 min
Response: 22387345
Conc: 184.06 ug/ml



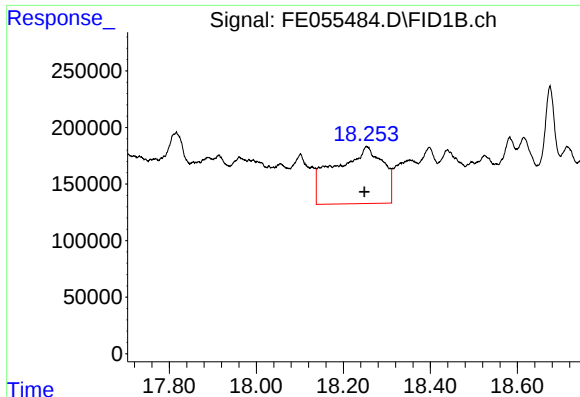
#15 n-Hexacosane (C26)

R.T.: 16.361 min
Delta R.T.: -0.045 min
Response: 22513806
Conc: 188.17 ug/ml



#16 n-Octacosane (C28)

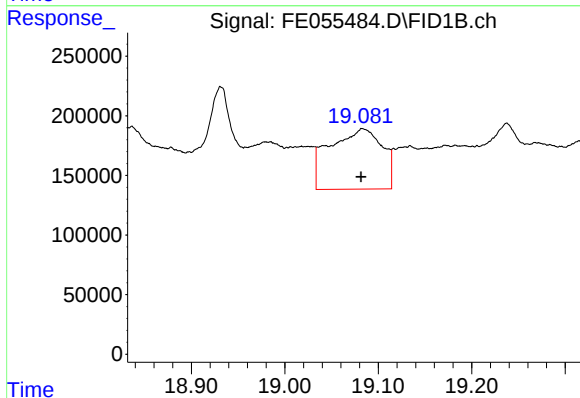
R.T.: 17.364 min
Delta R.T.: 0.007 min
Response: 1849299
Conc: 15.59 ug/ml



#17 n-Tricontane (C30)

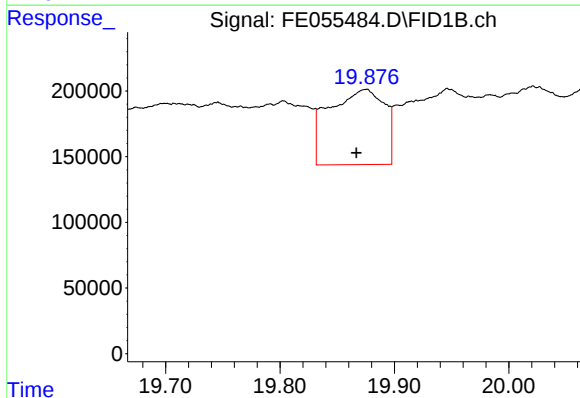
R.T.: 18.254 min
Delta R.T.: 0.006 min
Response: 3869566
Conc: 31.45 ug/ml

Instrument :
FID_E
ClientSampleId :



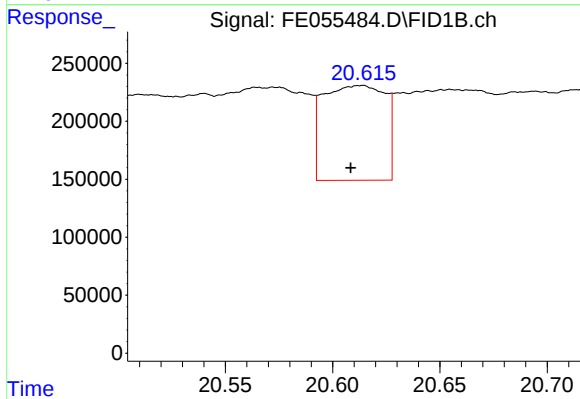
#18 n-Dotriacontane (C32)

R.T.: 19.084 min
Delta R.T.: 0.003 min
Response: 1976190
Conc: 16.20 ug/ml



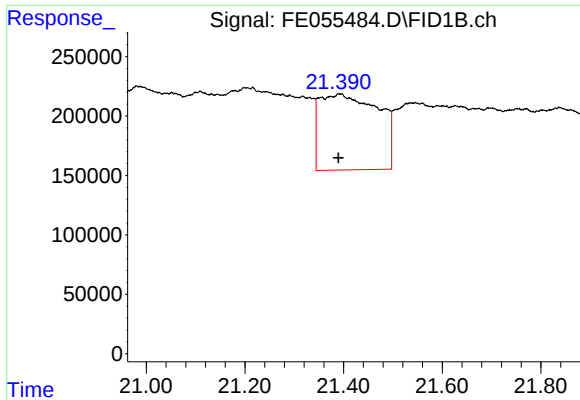
#19 n-Tetratriacontane (C34)

R.T.: 19.874 min
Delta R.T.: 0.008 min
Response: 1927800
Conc: 16.49 ug/ml



#20 n-Hexatriacontane (C36)

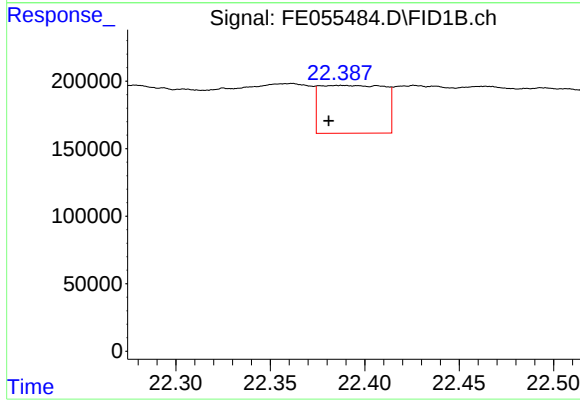
R.T.: 20.613 min
Delta R.T.: 0.004 min
Response: 1643618
Conc: 15.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.393 min
Delta R.T.: 0.003 min
Response: 5277128
Conc: 48.83 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.006 min
Response: 838801
Conc: 8.02 ug/ml