

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082525AL\
 Data File : FE055485.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2025 16:19
 Operator : YP\AJ
 Sample : Q2947-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 26 01:22:11 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)	12.097	25736425	180.222 ug/ml
Spiked Amount 50.000		Recovery =	360.44%
12) S 1-chlorooctadecane (S...	13.539	27209610	253.056 ug/ml
Spiked Amount 50.000		Recovery =	506.11%
Target Compounds			
1) T n-Nonane (C9)	3.416	19779	0.172 ug/ml
2) T n-Decane (C10)	4.677	14055	0.121 ug/ml
3) T A~Naphthalene (C11.7)	6.400	260850	1.943 ug/ml
4) T n-Dodecane (C12)	6.838	76455	0.642 ug/ml
5) T A~2-methylnaphthalene...	7.500	170065	1.304 ug/ml
6) T n-Tetradecane (C14)	8.683	264129	2.154 ug/ml
7) T n-Hexadecane (C16)	10.287	941493	7.364 ug/ml
8) T n-Octadecane (C18)	11.759	10513874	80.582 ug/ml
10) T n-Eicosane (C20)	13.079	6371619	50.781 ug/ml
11) T n-Heneicosane (C21)	13.655	11771862	95.498 ug/ml
13) T n-Docosane (C22)	14.288	6711213	54.956 ug/ml
14) T n-Tetracosane (C24)	15.397	7177990	59.013 ug/ml
15) T n-Hexacosane (C26)	16.405	5750738	48.065 ug/ml
16) T n-Octacosane (C28)	17.365	2939953	24.784 ug/ml
17) T n-Tricontane (C30)	18.255	5271919	42.844 ug/ml
18) T n-Dotriacontane (C32)	19.083	4462881	36.578 ug/ml
19) T n-Tetratriacontane (C34)	19.874	3301690	28.239 ug/ml
20) T n-Hexatriacontane (C36)	20.618	2279499	20.856 ug/ml
21) T n-Octatriacontane (C38)	21.391	3815335	35.304 ug/ml
22) T n-Tetracontane (C40)	22.369	3077962	29.433 ug/ml

(f)=RT Delta > 1/2 Window

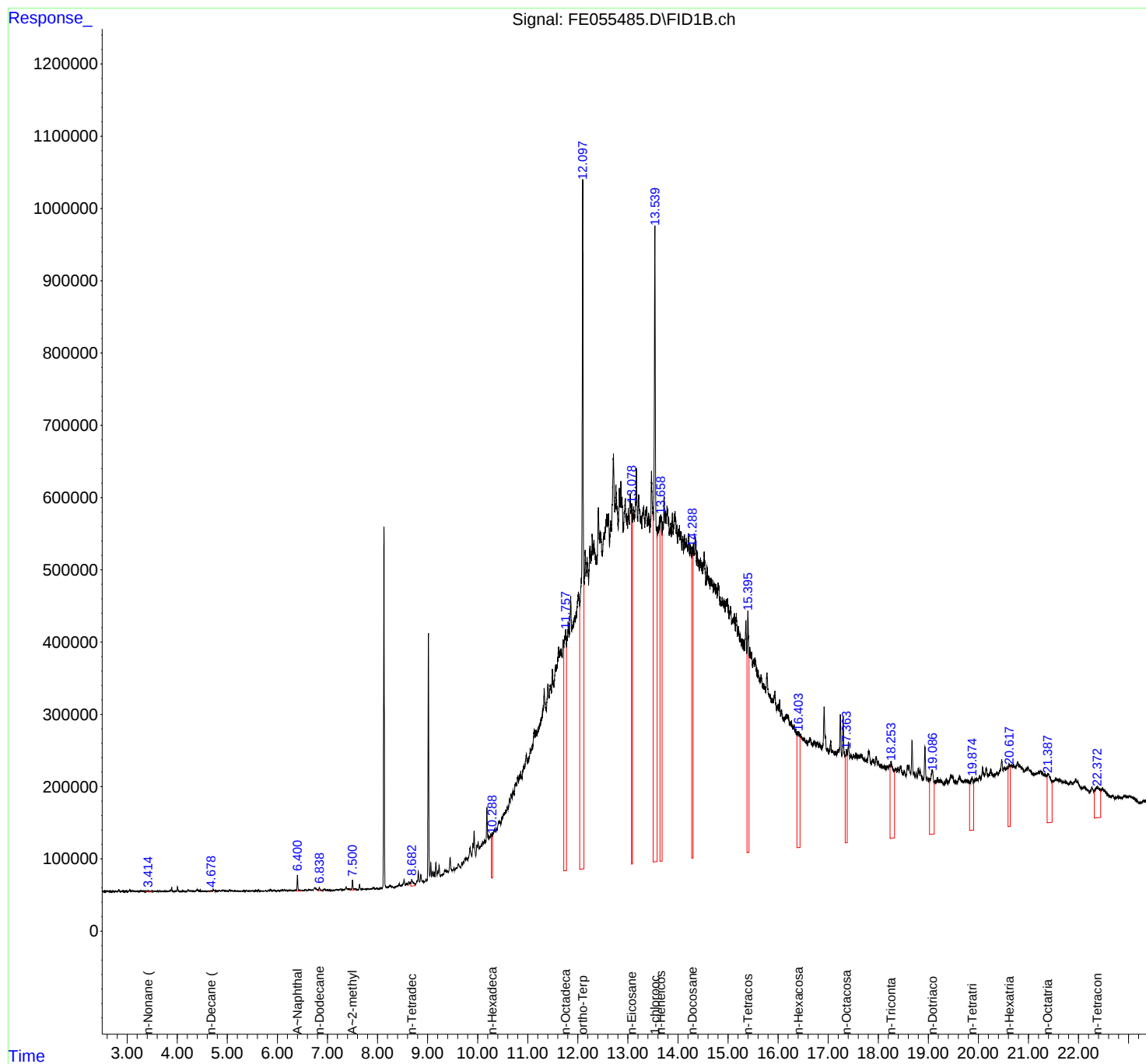
(m)=manual int.

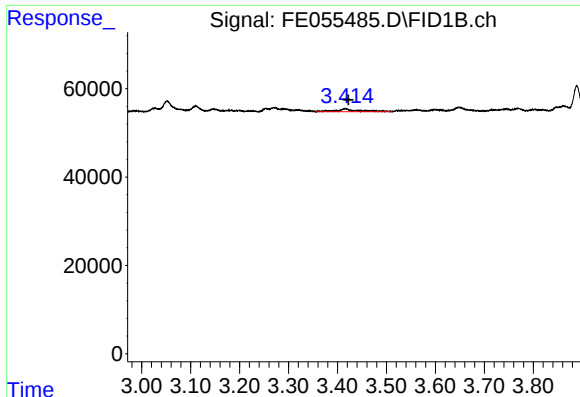
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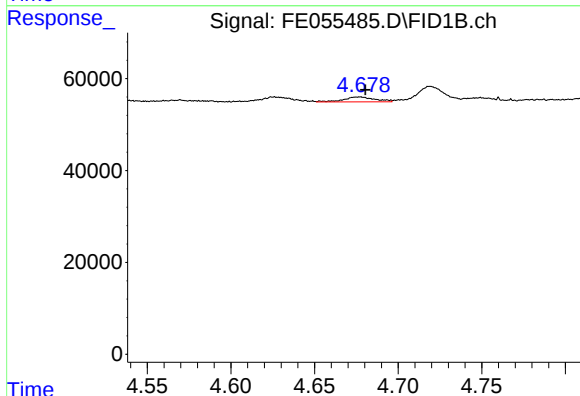




#1 n-Nonane (C9)

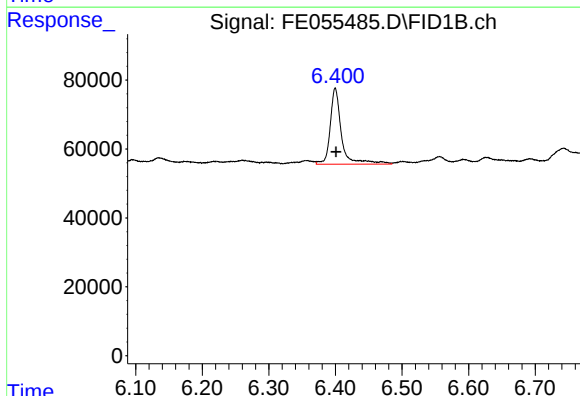
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 19779
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :



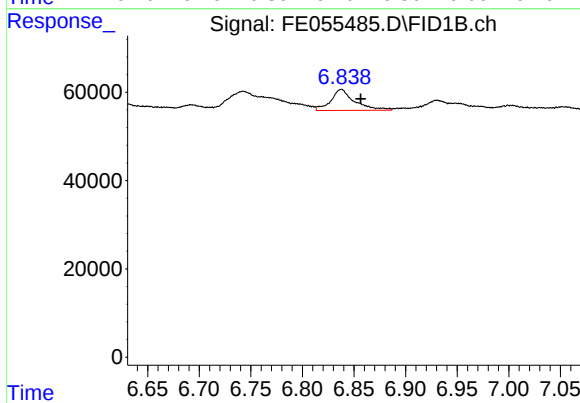
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.004 min
Response: 14055
Conc: 0.12 ug/ml



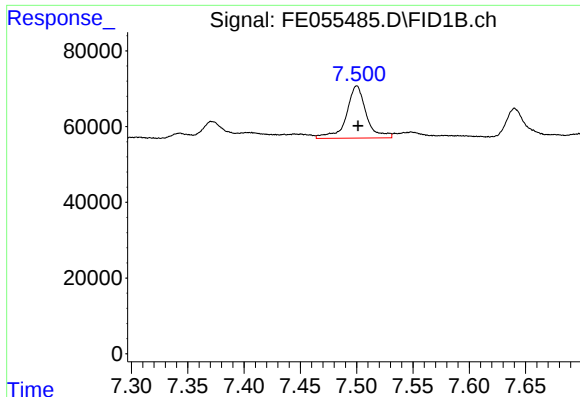
#3 A~Naphthalene (C11.7)

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 260850
Conc: 1.94 ug/ml



#4 n-Dodecane (C12)

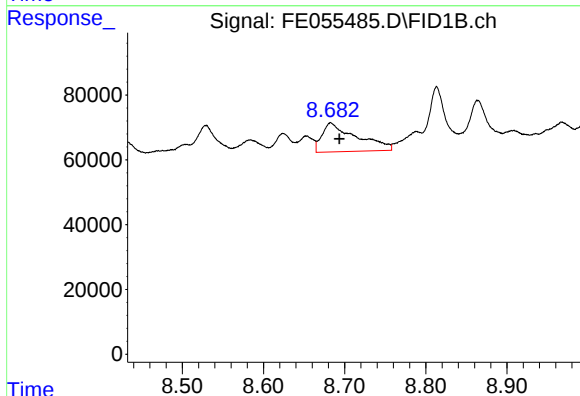
R.T.: 6.838 min
Delta R.T.: -0.019 min
Response: 76455
Conc: 0.64 ug/ml



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

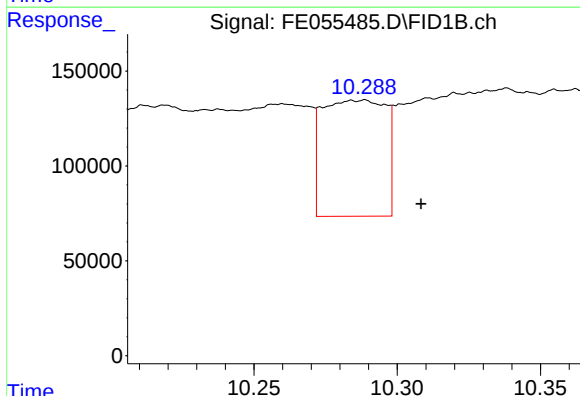
R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 170065
Conc: 1.30 ug/ml

Instrument :
FID_E
ClientSampleId :



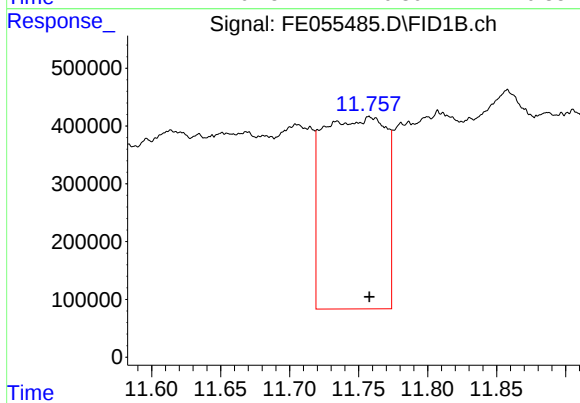
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: -0.010 min
Response: 264129
Conc: 2.15 ug/ml



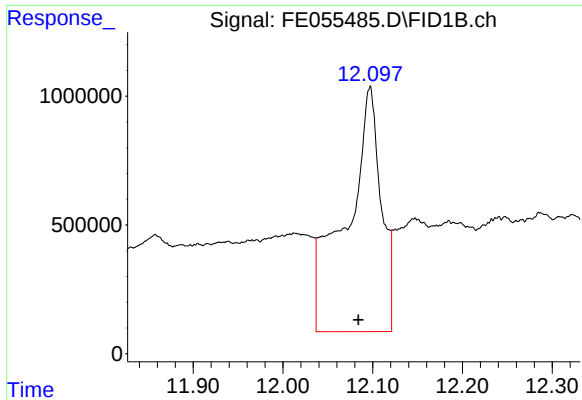
#7 n-Hexadecane (C16)

R.T.: 10.287 min
Delta R.T.: -0.022 min
Response: 941493
Conc: 7.36 ug/ml



#8 n-Octadecane (C18)

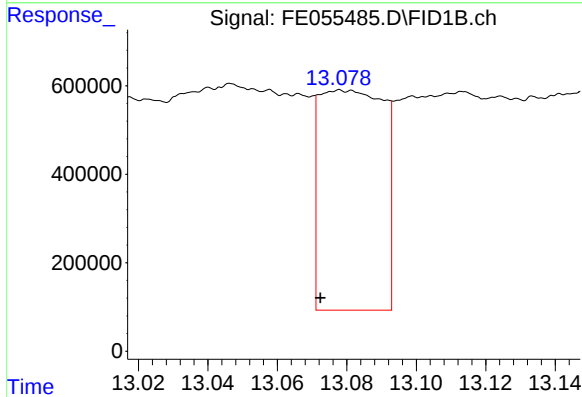
R.T.: 11.759 min
Delta R.T.: 0.001 min
Response: 10513874
Conc: 80.58 ug/ml



#9 ortho-Terphenyl (SURR)

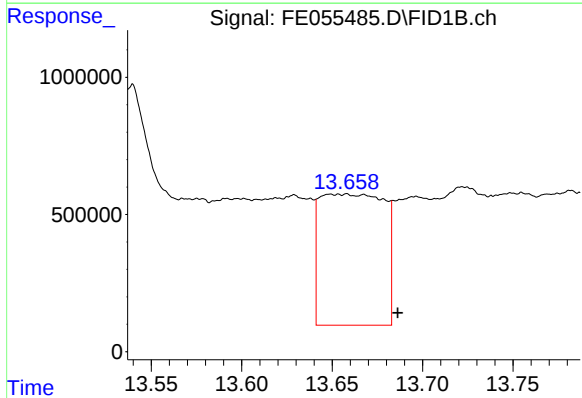
R.T.: 12.097 min
Delta R.T.: 0.013 min
Response: 25736425
Conc: 180.22 ug/ml

Instrument :
FID_E
ClientSampleId :



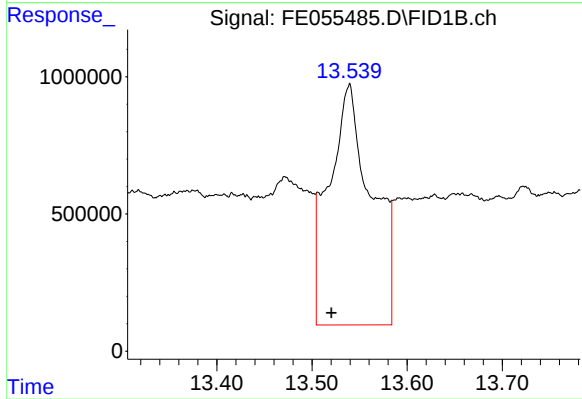
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 6371619
Conc: 50.78 ug/ml



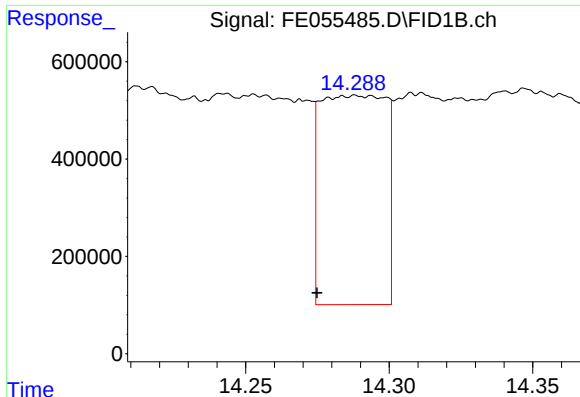
#11 n-Heneicosane (C21)

R.T.: 13.655 min
Delta R.T.: -0.031 min
Response: 11771862
Conc: 95.50 ug/ml



#12 1-chlorooctadecane (SURR)

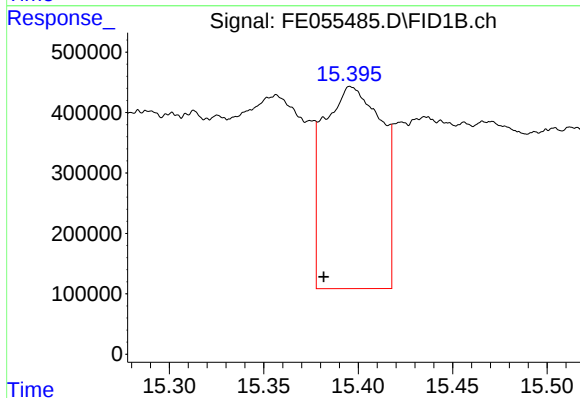
R.T.: 13.539 min
Delta R.T.: 0.018 min
Response: 27209610
Conc: 253.06 ug/ml



#13 n-Docosane (C22)

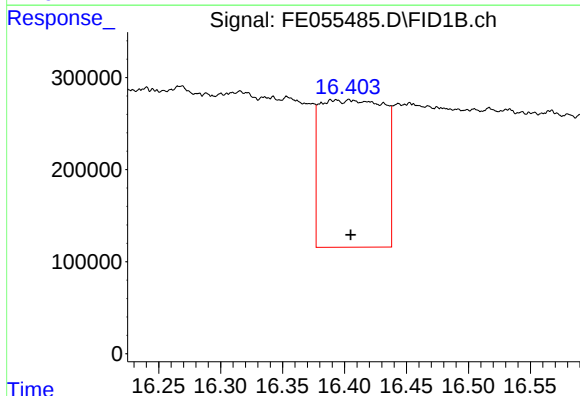
R.T.: 14.288 min
Delta R.T.: 0.014 min
Response: 6711213
Conc: 54.96 ug/ml

Instrument :
FID_E
ClientSampleId :



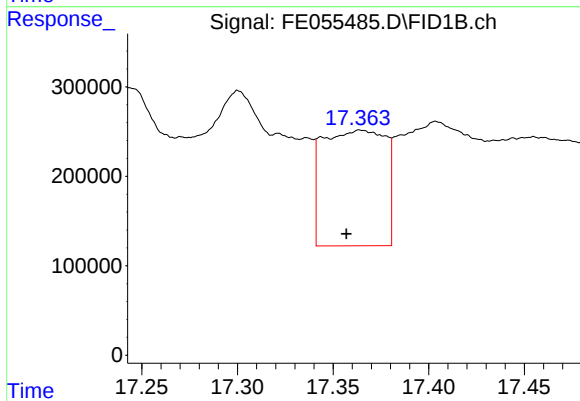
#14 n-Tetracosane (C24)

R.T.: 15.397 min
Delta R.T.: 0.015 min
Response: 7177990
Conc: 59.01 ug/ml



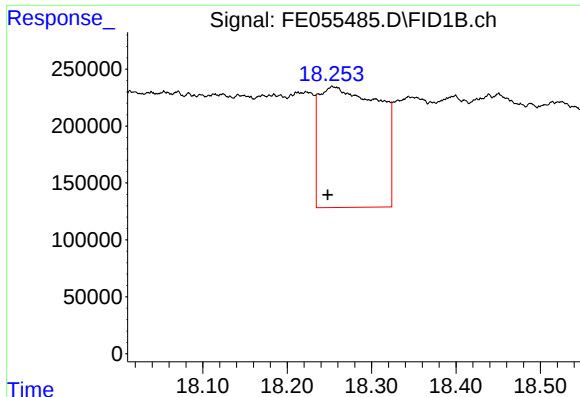
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 5750738
Conc: 48.06 ug/ml



#16 n-Octacosane (C28)

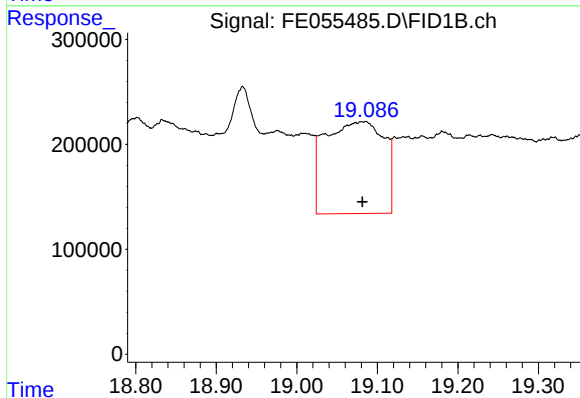
R.T.: 17.365 min
Delta R.T.: 0.008 min
Response: 2939953
Conc: 24.78 ug/ml



#17 n-Tricontane (C30)

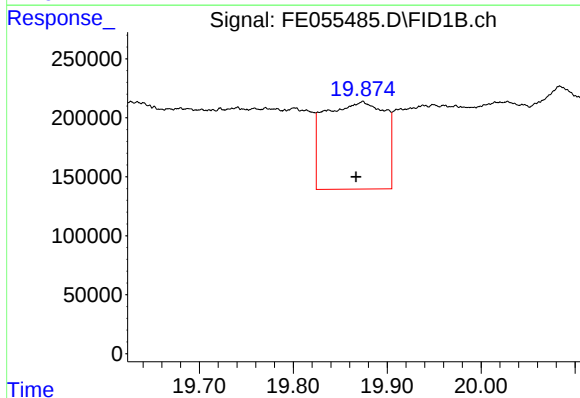
R.T.: 18.255 min
Delta R.T.: 0.007 min
Response: 5271919
Conc: 42.84 ug/ml

Instrument :
FID_E
ClientSampleId :



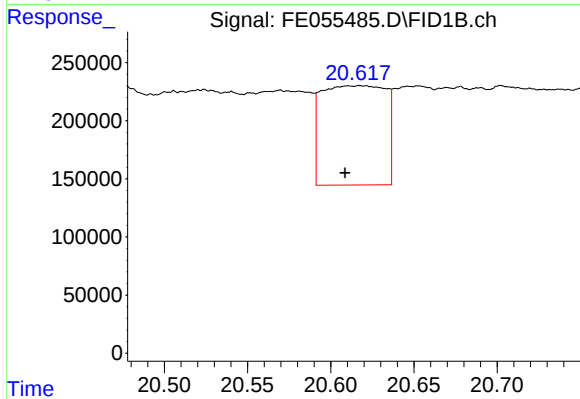
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.001 min
Response: 4462881
Conc: 36.58 ug/ml



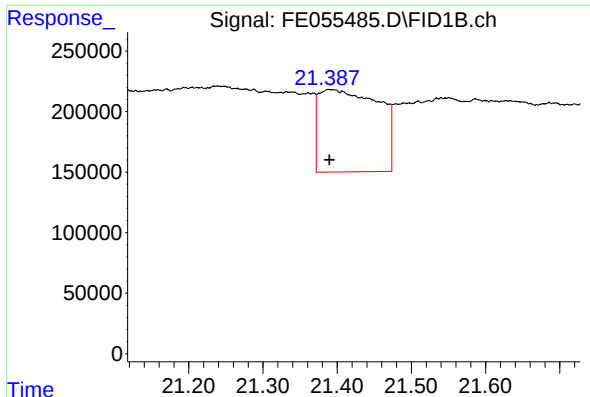
#19 n-Tetratriacontane (C34)

R.T.: 19.874 min
Delta R.T.: 0.007 min
Response: 3301690
Conc: 28.24 ug/ml



#20 n-Hexatriacontane (C36)

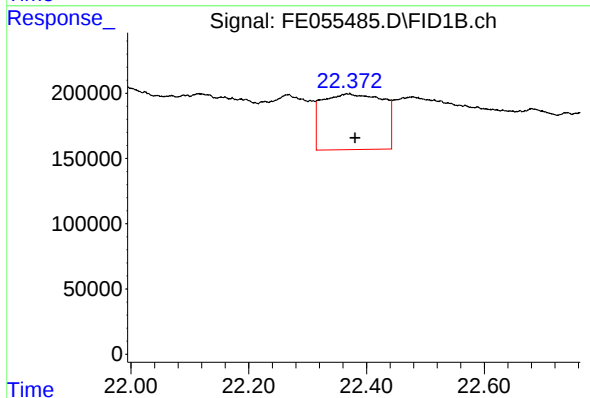
R.T.: 20.618 min
Delta R.T.: 0.009 min
Response: 2279499
Conc: 20.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.391 min
Delta R.T.: 0.001 min
Response: 3815335
Conc: 35.30 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.369 min
Delta R.T.: -0.012 min
Response: 3077962
Conc: 29.43 ug/ml