

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055362.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 18:06
 Operator : YP\AJ
 Sample : Q2871-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:28:09 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	5681503	39.785 ug/ml
Spiked Amount 50.000		Recovery =	79.57%
12) S 1-chlorooctadecane (S...	13.519	4516408	42.004 ug/ml
Spiked Amount 50.000		Recovery =	84.01%
Target Compounds			
1) T n-Nonane (C9)	3.420	11741	0.102 ug/ml
2) T n-Decane (C10)	4.676	13452	0.115 ug/ml
3) T A~Naphthalene (C11.7)	6.399	23212	0.173 ug/ml
4) T n-Dodecane (C12)	6.855	6710	0.056 ug/ml
5) T A~2-methylnaphthalene...	7.500	2569	0.020 ug/ml
6) T n-Tetradecane (C14)	8.690	40019	0.326 ug/ml
7) T n-Hexadecane (C16)	10.302	15576	0.122 ug/ml
8) T n-Octadecane (C18)	11.754	14158	0.109 ug/ml
10) T n-Eicosane (C20)	13.068	23499	0.187 ug/ml
11) T n-Heneicosane (C21)	13.684	21369	0.173 ug/ml
13) T n-Docosane (C22)	14.271	28602	0.234 ug/ml
14) T n-Tetracosane (C24)	15.377	67255	0.553 ug/ml
15) T n-Hexacosane (C26)	16.402	60347	0.504 ug/ml
16) T n-Octacosane (C28)	17.355	153104	1.291 ug/ml
17) T n-Tricontane (C30)	18.245	330432	2.685 ug/ml
18) T n-Dotriacontane (C32)	19.078	1201112	9.844 ug/ml
19) T n-Tetratriacontane (C34)	19.864	818859	7.004 ug/ml
20) T n-Hexatriacontane (C36)	20.606	1176954	10.768 ug/ml
21) T n-Octatriacontane (C38)	21.385	2434871	22.530 ug/ml
22) T n-Tetracontane (C40)	22.378	1057027	10.108 ug/ml

(f)=RT Delta > 1/2 Window

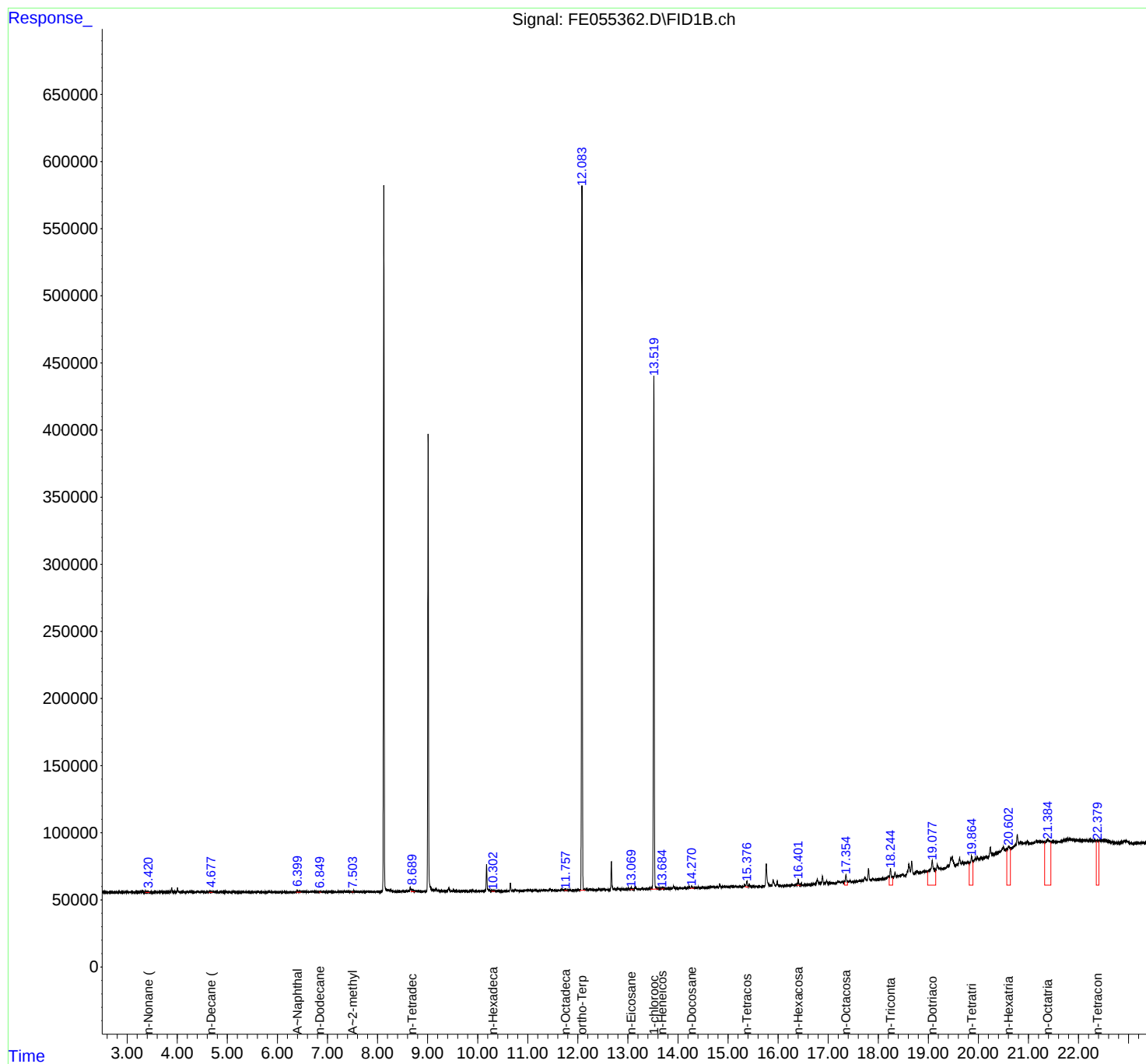
(m)=manual int.

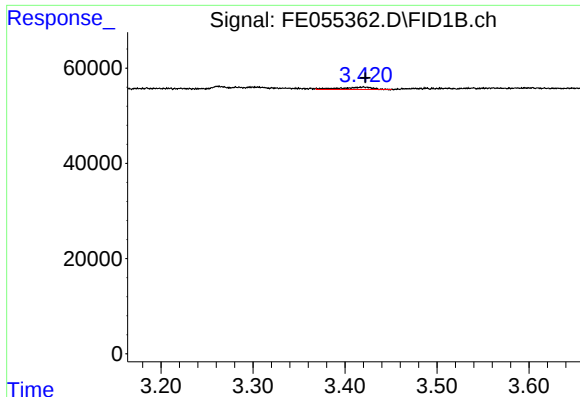
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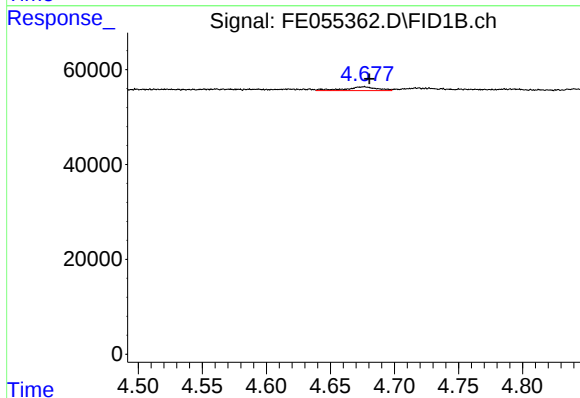




#1 n-Nonane (C9)

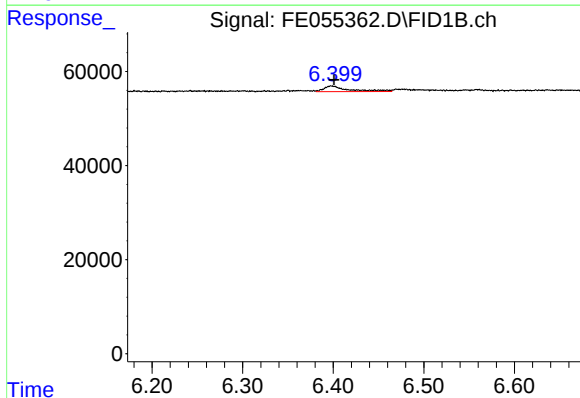
R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 11741
Conc: 0.10 ug/ml

Instrument :
FID_E
ClientSampleId :



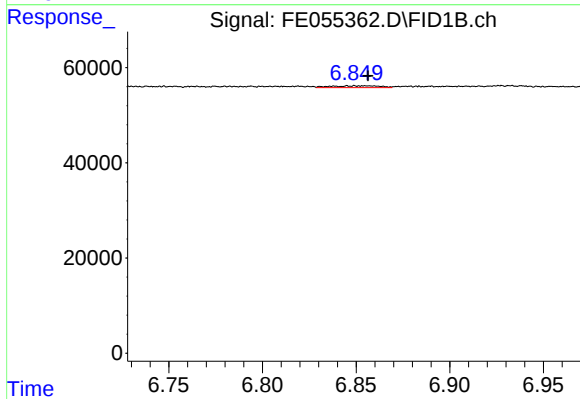
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.005 min
Response: 13452
Conc: 0.12 ug/ml



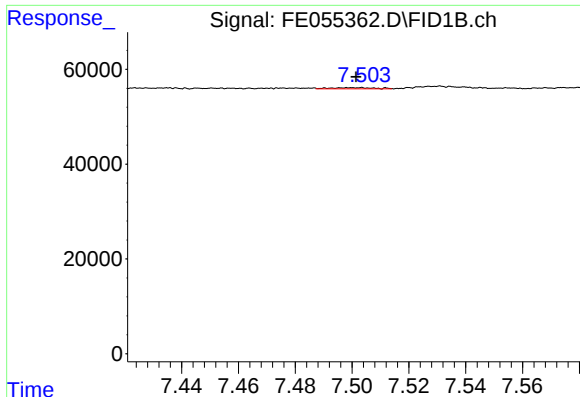
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 23212
Conc: 0.17 ug/ml



#4 n-Dodecane (C12)

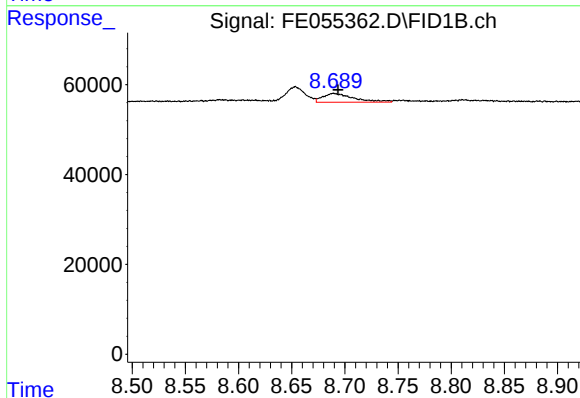
R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 6710
Conc: 0.06 ug/ml



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

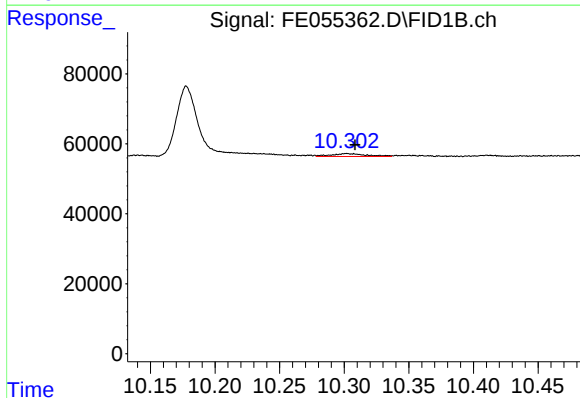
R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 2569
Conc: 0.02 ug/ml

Instrument :
FID_E
ClientSampleId :



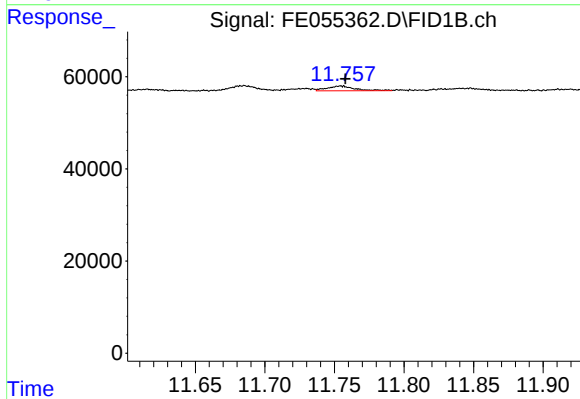
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: -0.004 min
Response: 40019
Conc: 0.33 ug/ml



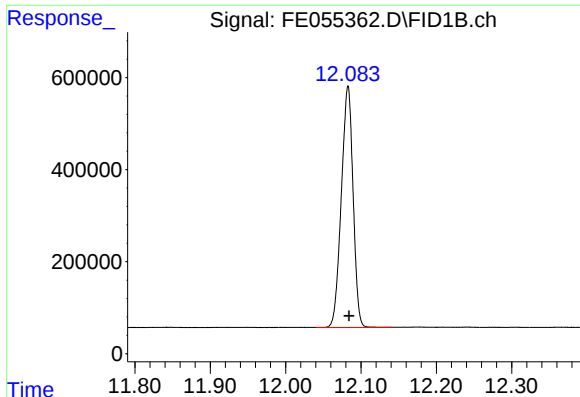
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: -0.006 min
Response: 15576
Conc: 0.12 ug/ml



#8 n-Octadecane (C18)

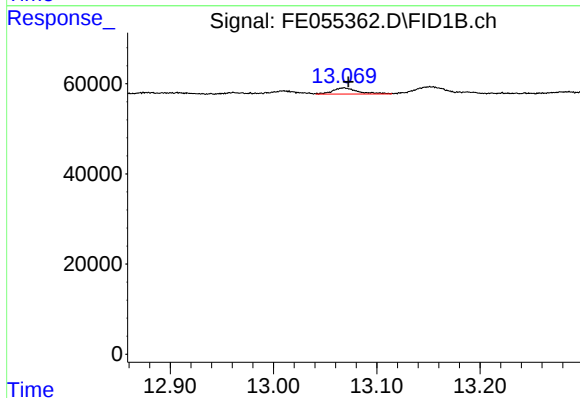
R.T.: 11.754 min
Delta R.T.: -0.003 min
Response: 14158
Conc: 0.11 ug/ml



#9 ortho-Terphenyl (SURR)

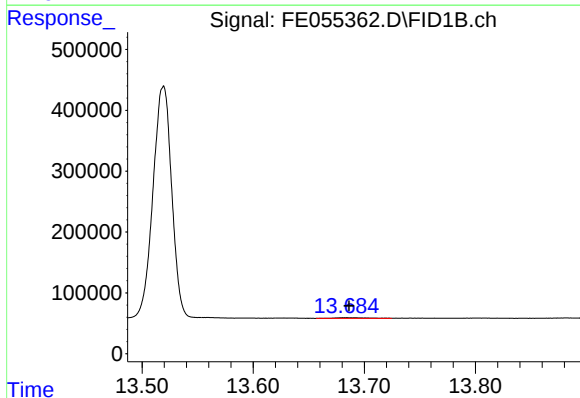
R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 5681503
Conc: 39.79 ug/ml

Instrument :
FID_E
ClientSampleId :



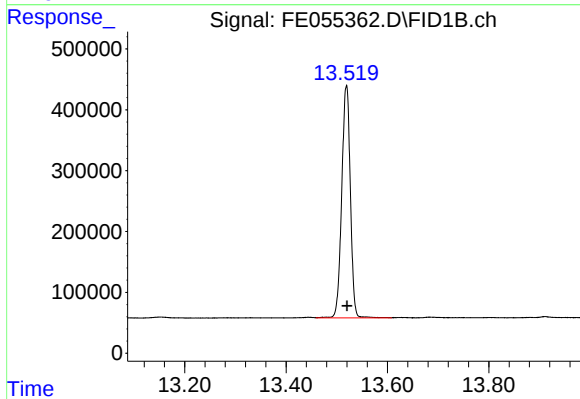
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 23499
Conc: 0.19 ug/ml



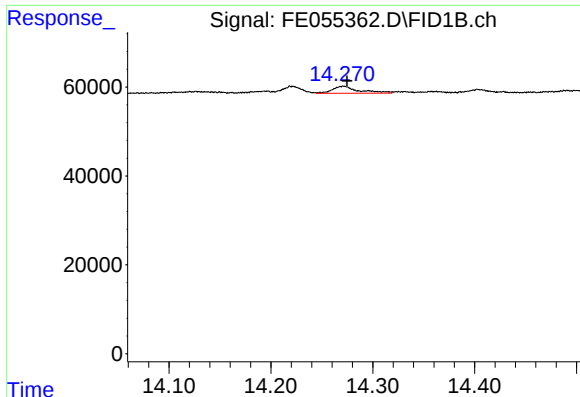
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 21369
Conc: 0.17 ug/ml



#12 1-chlorooctadecane (SURR)

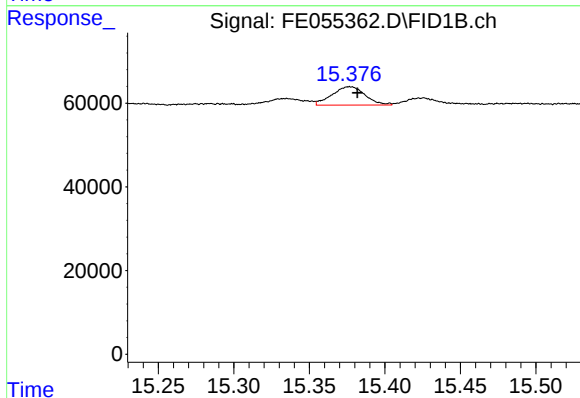
R.T.: 13.519 min
Delta R.T.: -0.001 min
Response: 4516408
Conc: 42.00 ug/ml



#13 n-Docosane (C22)

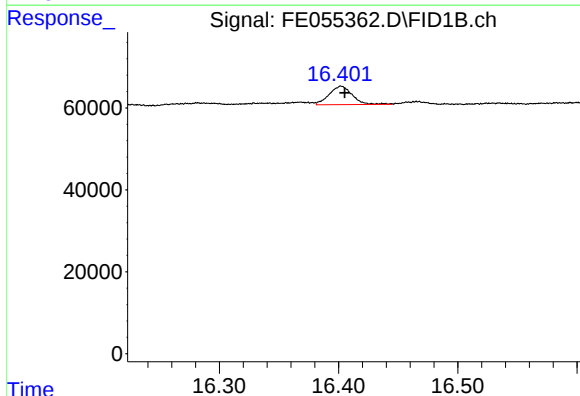
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 28602
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :



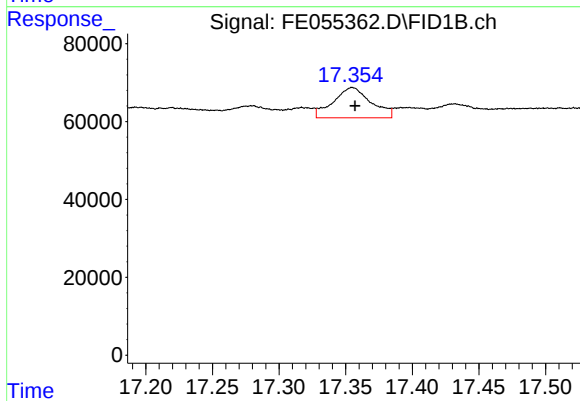
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 67255
Conc: 0.55 ug/ml



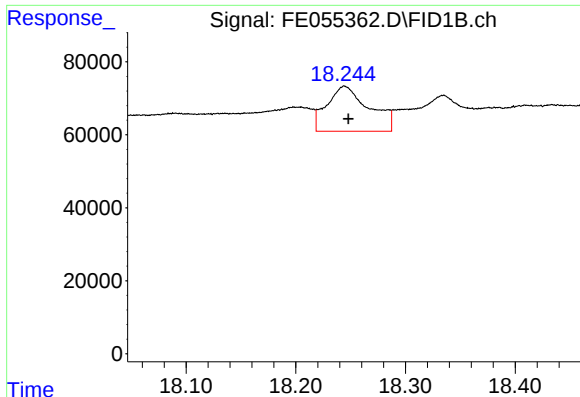
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 60347
Conc: 0.50 ug/ml



#16 n-Octacosane (C28)

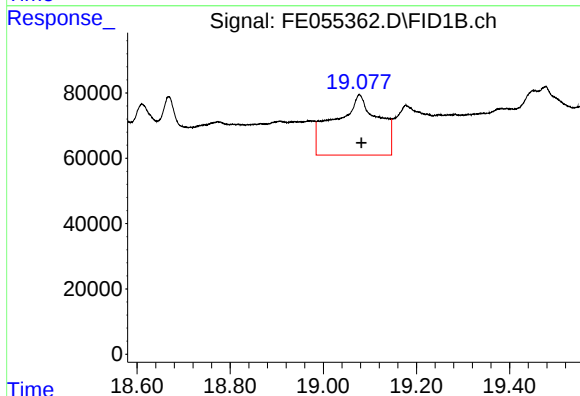
R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 153104
Conc: 1.29 ug/ml



#17 n-Tricontane (C30)

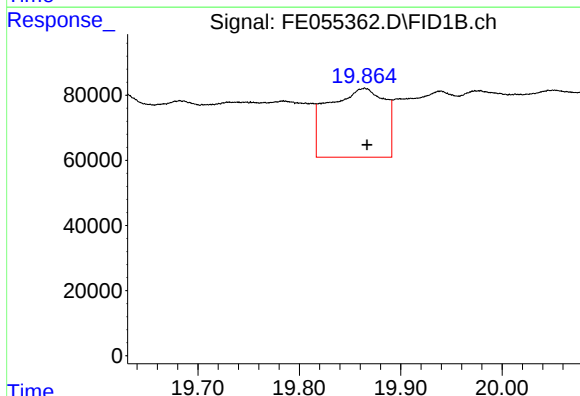
R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 330432
Conc: 2.69 ug/ml

Instrument :
FID_E
ClientSampleId :



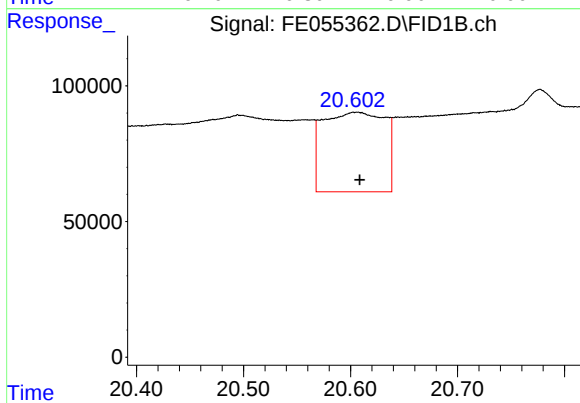
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.004 min
Response: 1201112
Conc: 9.84 ug/ml



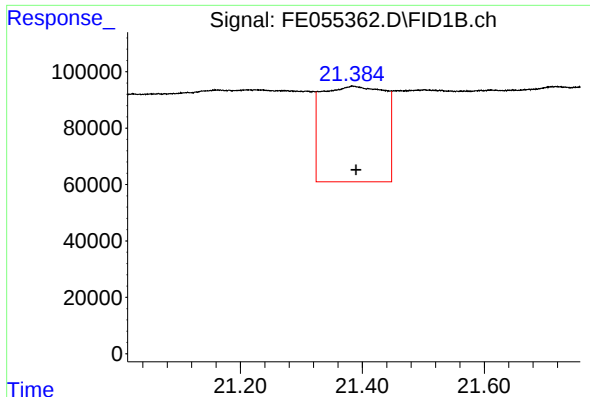
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 818859
Conc: 7.00 ug/ml



#20 n-Hexatriacontane (C36)

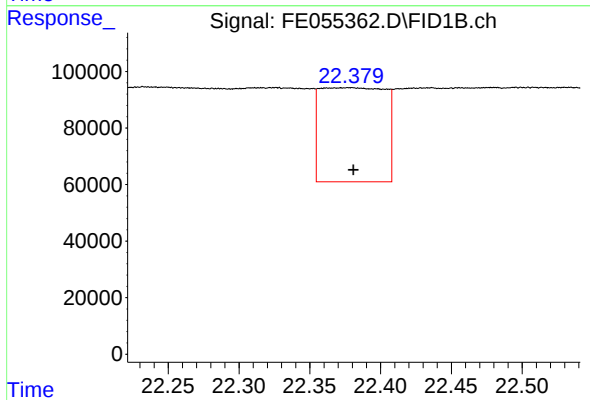
R.T.: 20.606 min
Delta R.T.: -0.003 min
Response: 1176954
Conc: 10.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: -0.005 min
Response: 2434871
Conc: 22.53 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.378 min
Delta R.T.: -0.003 min
Response: 1057027
Conc: 10.11 ug/ml