

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112025AL\
 Data File : FE056963.D
 Signal(s) : FID1B.ch
 Acq On : 20 Nov 2025 16:34
 Operator : YP\AJ
 Sample : Q3678-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 COMPOSITE-STONE

Integration File: sample.E
 Quant Time: Nov 20 22:05:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.948	7536531	36.075 ug/ml
Spiked Amount 50.000		Recovery =	72.15%
12) S 1-chlorooctadecane (S...	13.385	4973292	30.868 ug/ml
Spiked Amount 50.000		Recovery =	61.74%
Target Compounds			
1) T n-Nonane (C9)	3.309	2583	0.015 ug/ml
2) T n-Decane (C10)	4.567	5097	0.030 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2585	0.014 ug/ml
4) T n-Dodecane (C12)	6.730	5246	0.030 ug/ml
5) T A~2-methylnaphthalene...	7.366	4741	0.027 ug/ml
6) T n-Tetradecane (C14)	8.563	37684	0.216 ug/ml
7) T n-Hexadecane (C16)	10.175	70106	0.383 ug/ml
8) T n-Octadecane (C18)	11.623	17510	0.093 ug/ml
10) T n-Eicosane (C20)	12.935	21605	0.116 ug/ml
11) T n-Heneicosane (C21)	13.549	41344	0.225 ug/ml
13) T n-Docosane (C22)	14.135	28002	0.150 ug/ml
14) T n-Tetracosane (C24)	15.241	35854	0.183 ug/ml
15) T n-Hexacosane (C26)	16.265	43379	0.223 ug/ml
16) T n-Octacosane (C28)	17.218	66086	0.341 ug/ml
17) T n-Tricontane (C30)	18.107	550463	2.745 ug/ml
18) T n-Dotriacontane (C32)	18.940	817524	4.157 ug/ml
19) T n-Tetratriacontane (C34)	19.728	1158501	6.712 ug/ml
20) T n-Hexatriacontane (C36)	20.471	5232964	36.175 ug/ml
21) T n-Octatriacontane (C38)	21.218	6873693	54.613 ug/ml
22) T n-Tetracontane (C40)	22.146	3278106	28.354 ug/ml

(f)=RT Delta > 1/2 Window

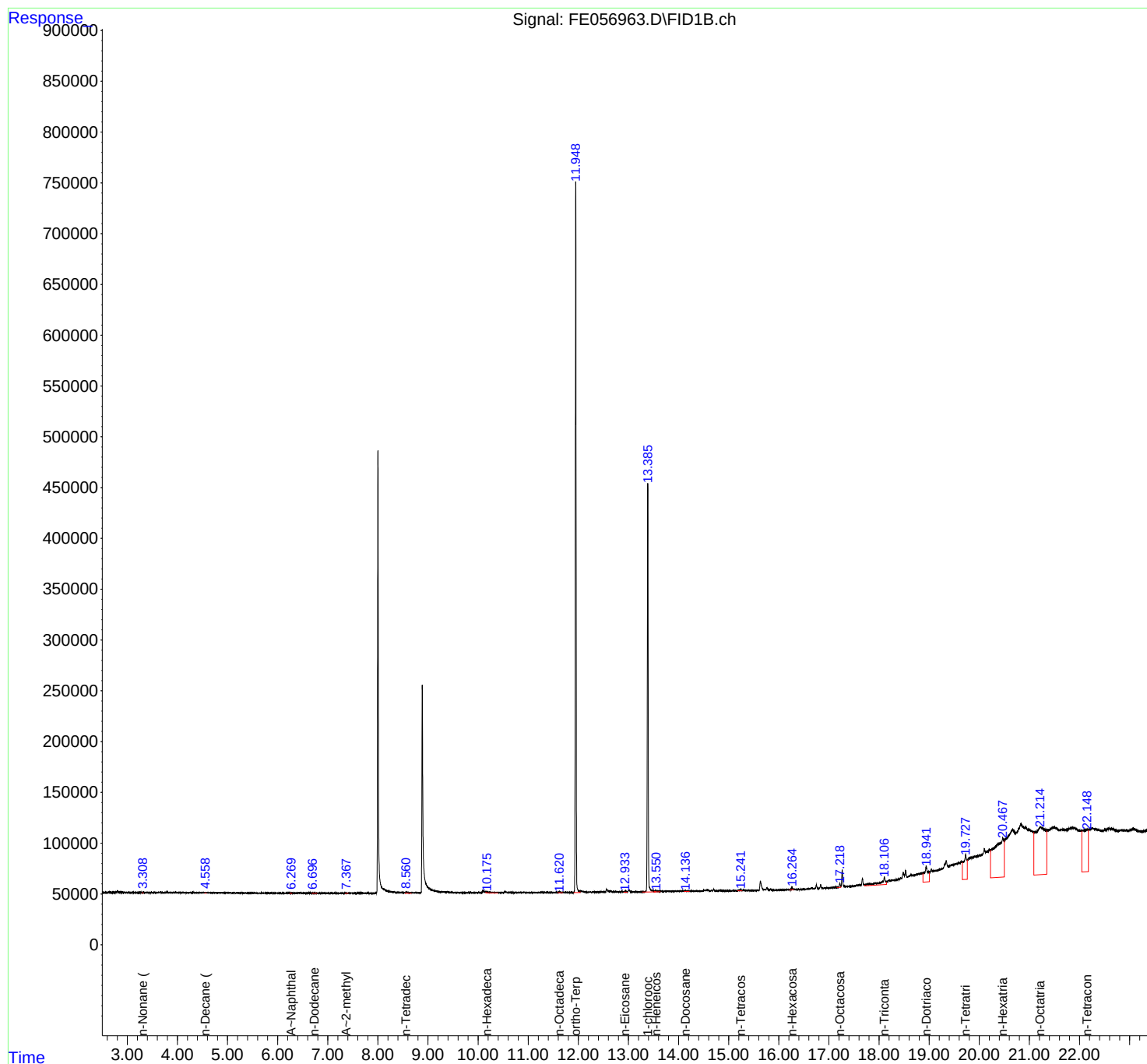
(m)=manual int.

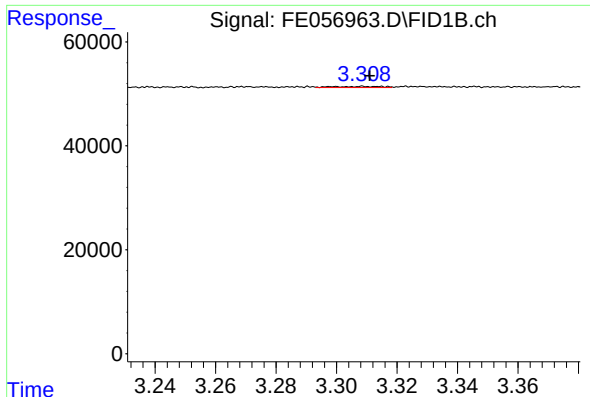
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Signal Info : 20M x 0.18mm x 0.18um

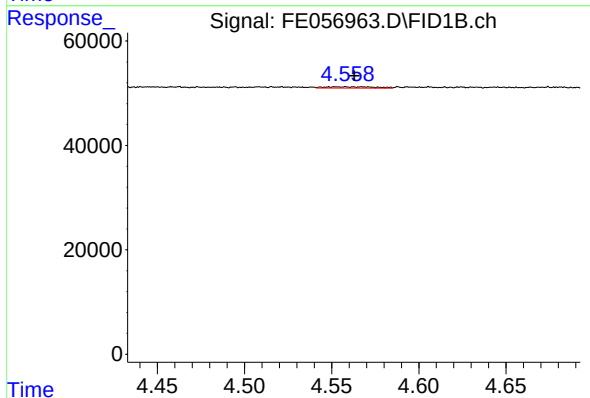




#1 n-Nonane (C9)

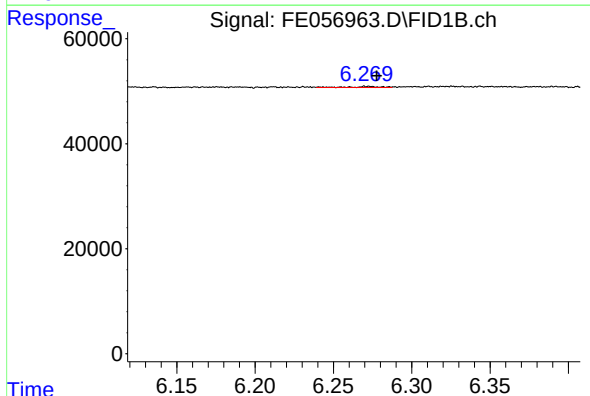
R.T.: 3.309 min
Delta R.T.: -0.002 min
Response: 2583
Conc: 0.02 ug/ml

Instrument :
FID_E
ClientSampleId :
COMPOSITE-STONE



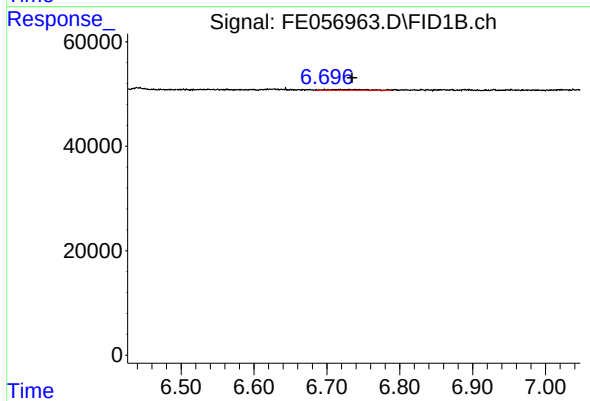
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.004 min
Response: 5097
Conc: 0.03 ug/ml



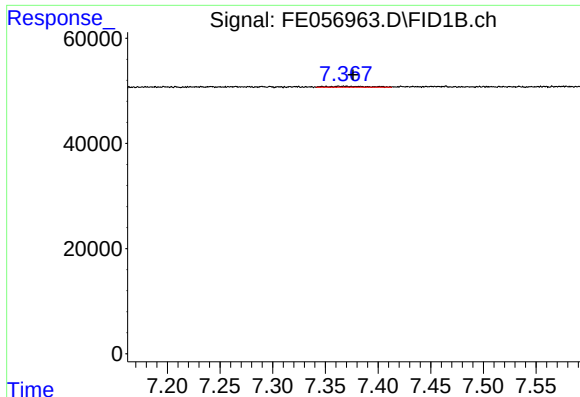
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.005 min
Response: 2585
Conc: 0.01 ug/ml



#4 n-Dodecane (C12)

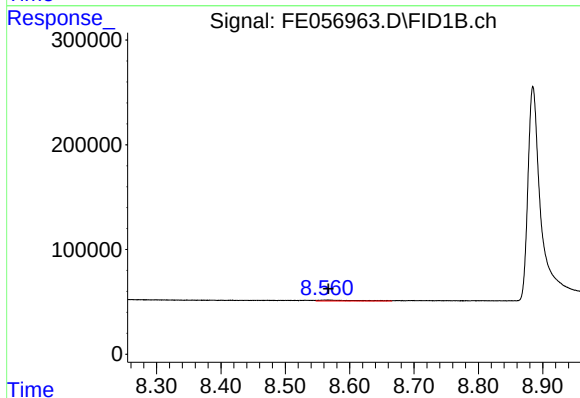
R.T.: 6.730 min
Delta R.T.: -0.005 min
Response: 5246
Conc: 0.03 ug/ml



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

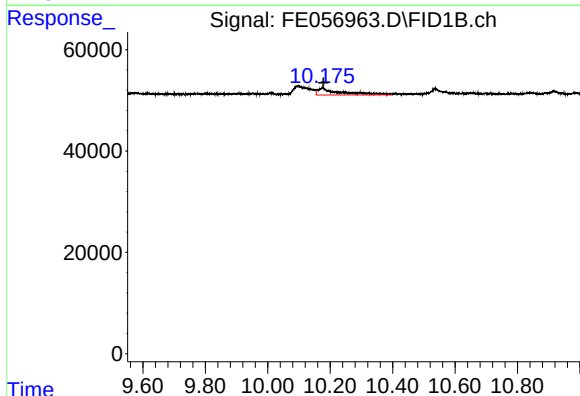
R.T.: 7.366 min
Delta R.T.: -0.010 min
Response: 4741
Conc: 0.03 ug/ml

Instrument :
FID_E
ClientSampleId :
COMPOSITE-STONE



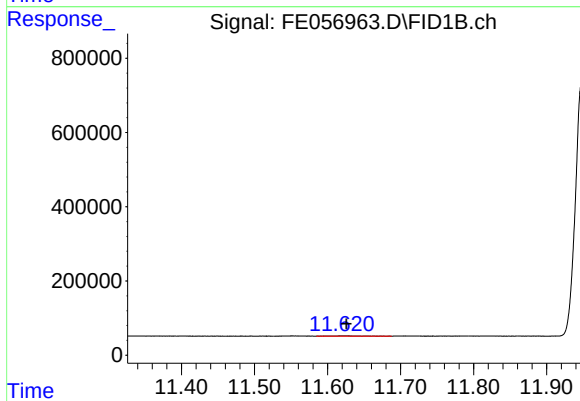
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 37684
Conc: 0.22 ug/ml



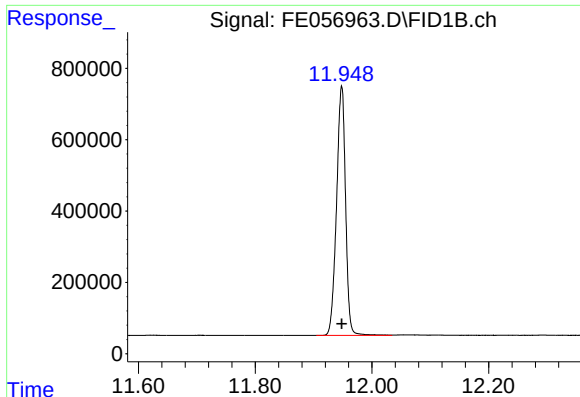
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.004 min
Response: 70106
Conc: 0.38 ug/ml



#8 n-Octadecane (C18)

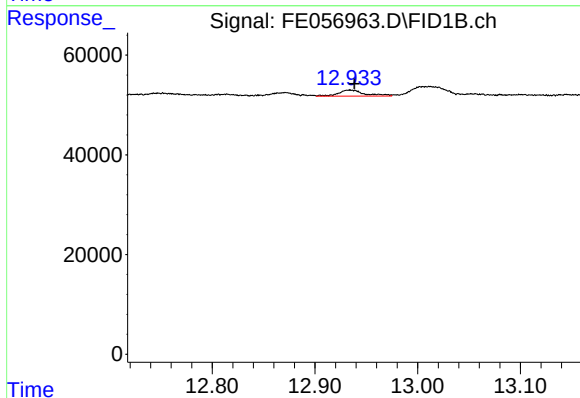
R.T.: 11.623 min
Delta R.T.: -0.003 min
Response: 17510
Conc: 0.09 ug/ml



#9 ortho-Terphenyl (SURR)

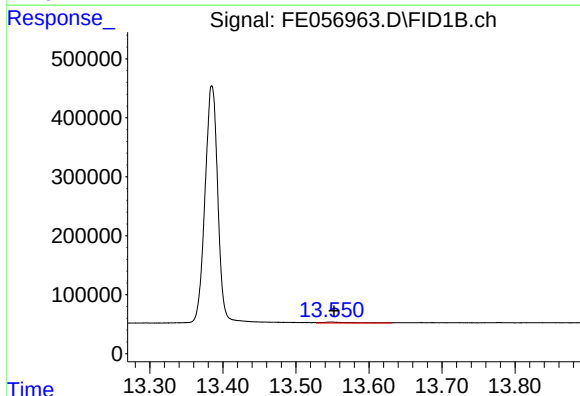
R.T.: 11.948 min
Delta R.T.: -0.001 min
Response: 7536531
Conc: 36.08 ug/ml

Instrument :
FID_E
ClientSampleId :
COMPOSITE-STONE



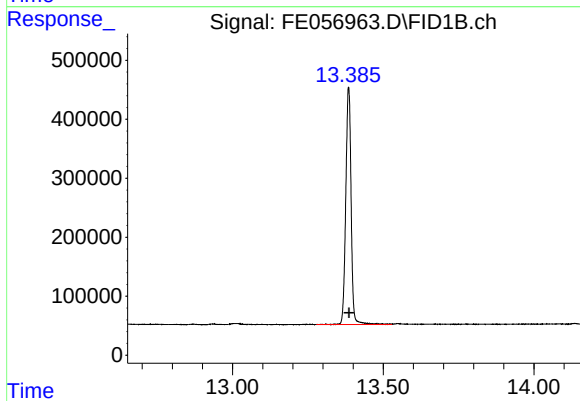
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.004 min
Response: 21605
Conc: 0.12 ug/ml



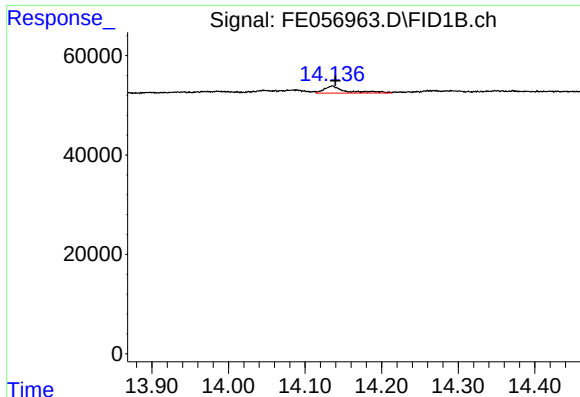
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.004 min
Response: 41344
Conc: 0.22 ug/ml



#12 1-chlorooctadecane (SURR)

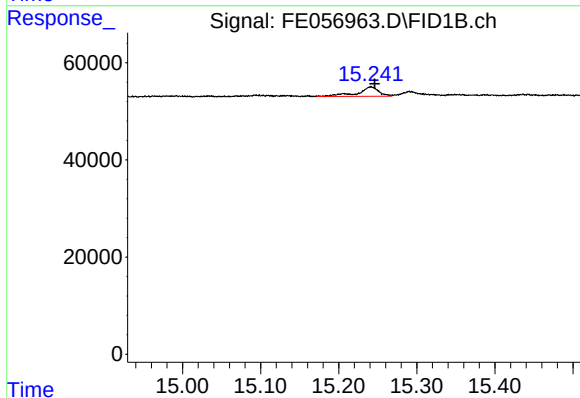
R.T.: 13.385 min
Delta R.T.: -0.002 min
Response: 4973292
Conc: 30.87 ug/ml



#13 n-Docosane (C22)

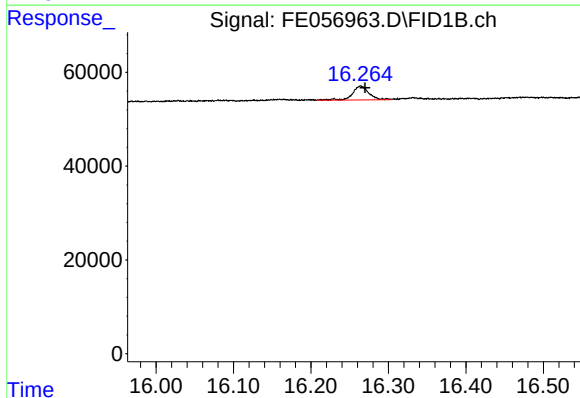
R.T.: 14.135 min
Delta R.T.: -0.004 min
Response: 28002
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :
COMPOSITE-STONE



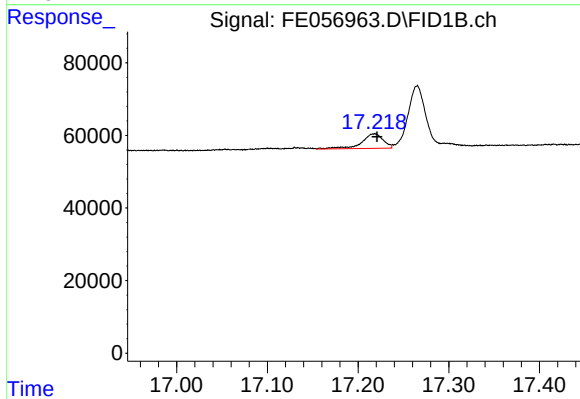
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.005 min
Response: 35854
Conc: 0.18 ug/ml



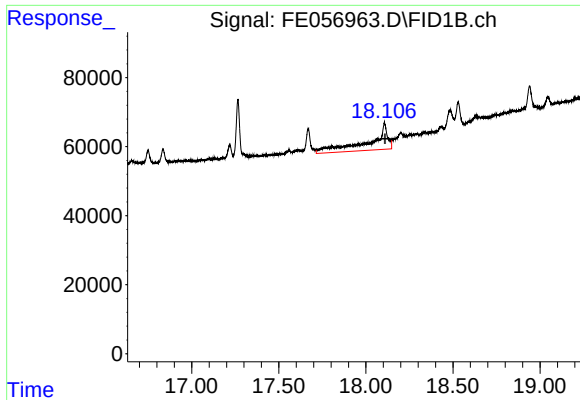
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.005 min
Response: 43379
Conc: 0.22 ug/ml



#16 n-Octacosane (C28)

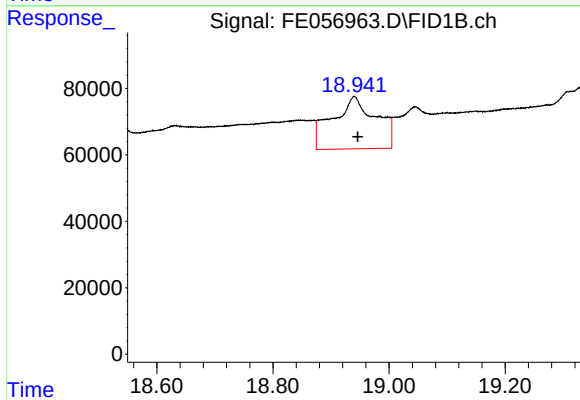
R.T.: 17.218 min
Delta R.T.: -0.004 min
Response: 66086
Conc: 0.34 ug/ml



#17 n-Tricontane (C30)

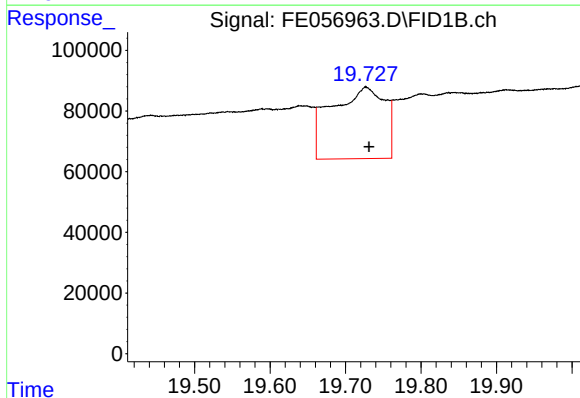
R.T.: 18.107 min
Delta R.T.: -0.004 min
Response: 550463
Conc: 2.75 ug/ml

Instrument :
FID_E
ClientSampleId :
COMPOSITE-STONE



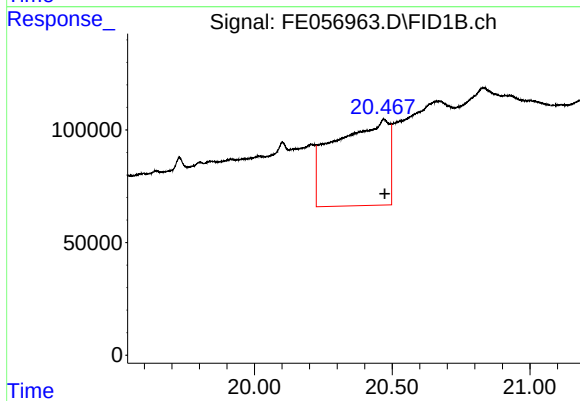
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.006 min
Response: 817524
Conc: 4.16 ug/ml



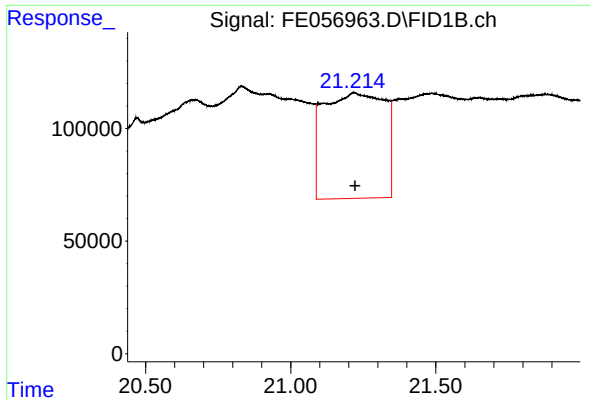
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.004 min
Response: 1158501
Conc: 6.71 ug/ml



#20 n-Hexatriacontane (C36)

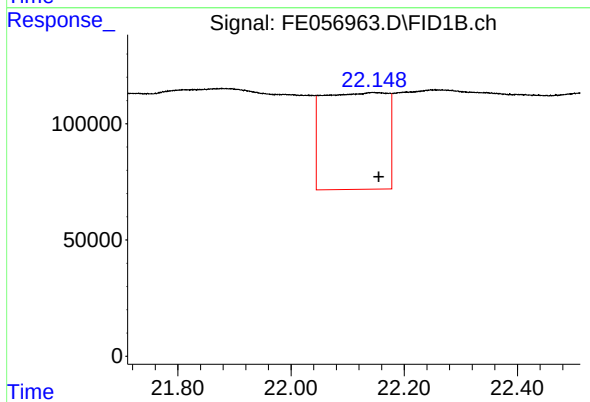
R.T.: 20.471 min
Delta R.T.: -0.002 min
Response: 5232964
Conc: 36.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: -0.004 min
Response: 6873693
Conc: 54.61 ug/ml

Instrument :
FID_E
ClientSampleId :
COMPOSITE-STONE



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: -0.009 min
Response: 3278106
Conc: 28.35 ug/ml