

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112025AL\
 Data File : FE056969.D
 Signal(s) : FID1B.ch
 Acq On : 20 Nov 2025 19:35
 Operator : YP\AJ
 Sample : Q3686-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 FAIRLAWN-GRAVEL

Integration File: sample.E
 Quant Time: Nov 20 22:07:59 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)	11.963	56627504	271.058 ug/ml
Spiked Amount 50.000		Recovery =	542.12%
12) S 1-chlorooctadecane (S...	13.411	51819511	321.627 ug/ml
Spiked Amount 50.000		Recovery =	643.25%
Target Compounds			
1) T n-Nonane (C9)	3.304	10566	0.063 ug/ml
2) T n-Decane (C10)	4.557	9959	0.058 ug/ml
3) T A~Naphthalene (C11.7)	6.293	19154	0.104 ug/ml
4) T n-Dodecane (C12)	6.730	12815	0.074 ug/ml
5) T A~2-methylnaphthalene...	7.352	31338	0.177 ug/ml
6) T n-Tetradecane (C14)	8.565	488607	2.799 ug/ml
7) T n-Hexadecane (C16)	10.184	4926059	26.925 ug/ml
8) T n-Octadecane (C18)	11.640	15623737	82.547 ug/ml
10) T n-Eicosane (C20)	12.962	39787362	213.493 ug/ml
11) T n-Heneicosane (C21)	13.530	36434588	198.142 ug/ml
13) T n-Docosane (C22)	14.076f	78813295	421.009 ug/ml
14) T n-Tetracosane (C24)	15.256	9203218	46.988 ug/ml
15) T n-Hexacosane (C26)	16.251	9057967	46.609 ug/ml
16) T n-Octacosane (C28)	17.218	1318773	6.810 ug/ml
17) T n-Tricontane (C30)	18.104	848719	4.233 ug/ml
18) T n-Dotriacontane (C32)	18.935	106475	0.541 ug/ml
19) T n-Tetratriacontane (C34)	19.726	231356	1.340 ug/ml
20) T n-Hexatriacontane (C36)	20.467	985684	6.814 ug/ml
21) T n-Octatriacontane (C38)	21.227	1114701	8.857 ug/ml
22) T n-Tetracontane (C40)	22.149	676069	5.848 ug/ml

(f)=RT Delta > 1/2 Window

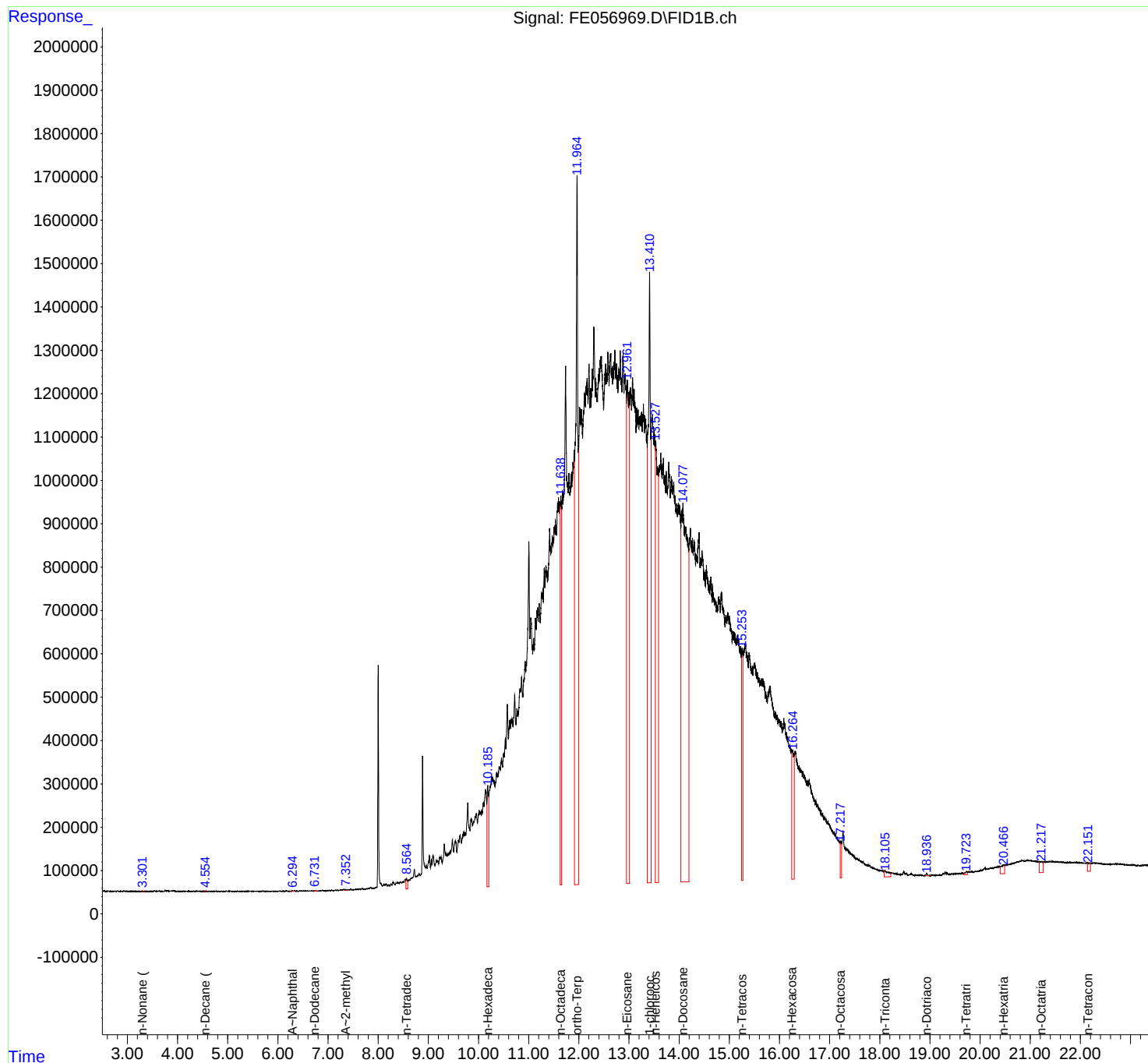
(m)=manual int.

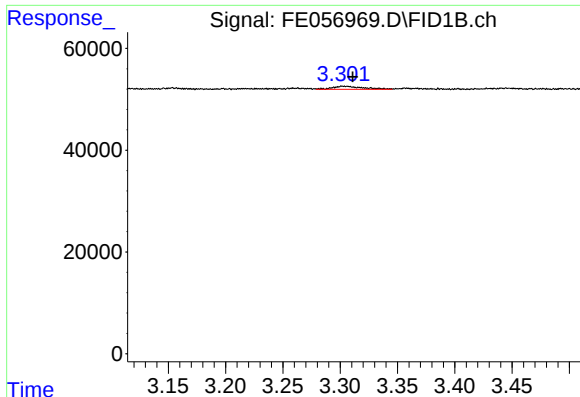
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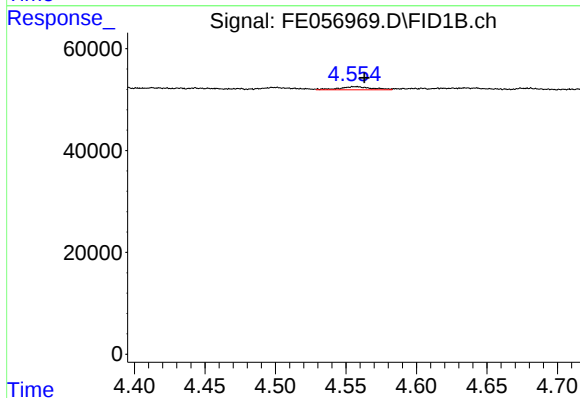




#1 n-Nonane (C9)

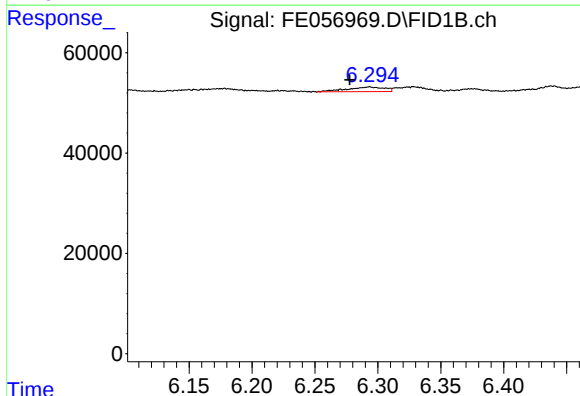
R.T.: 3.304 min
Delta R.T.: -0.007 min
Response: 10566
Conc: 0.06 ug/ml

Instrument :
FID_E
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FAIRLAWN-GRAVEL



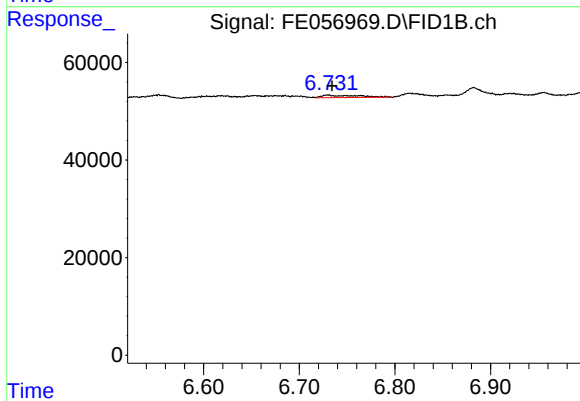
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.006 min
Response: 9959
Conc: 0.06 ug/ml



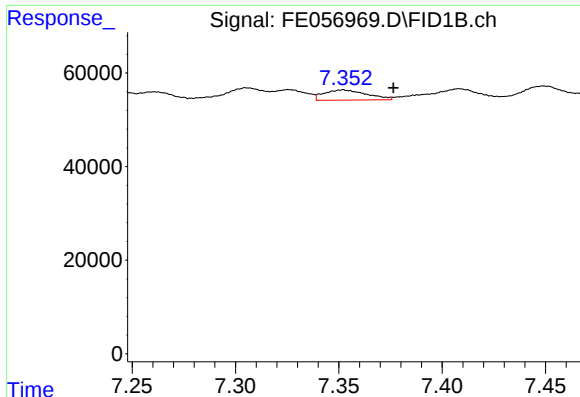
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: 0.016 min
Response: 19154
Conc: 0.10 ug/ml



#4 n-Dodecane (C12)

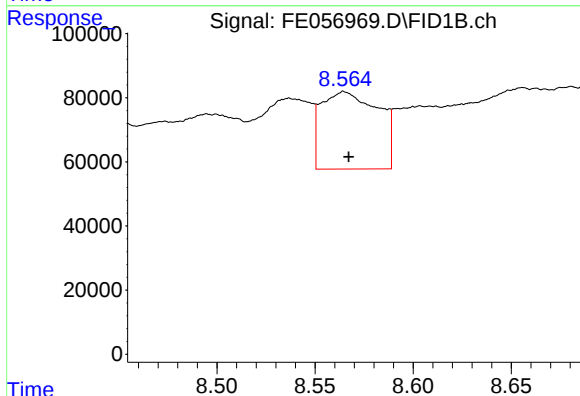
R.T.: 6.730 min
Delta R.T.: -0.004 min
Response: 12815
Conc: 0.07 ug/ml



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

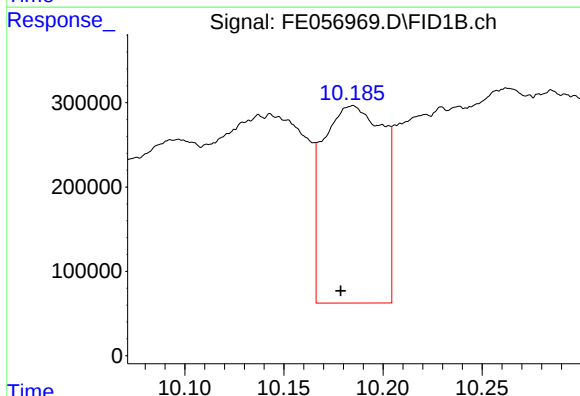
R.T.: 7.352 min
Delta R.T.: -0.024 min
Response: 31338
Conc: 0.18 ug/ml

Instrument :
FID_E
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FAIRLAWN-GRAVEL



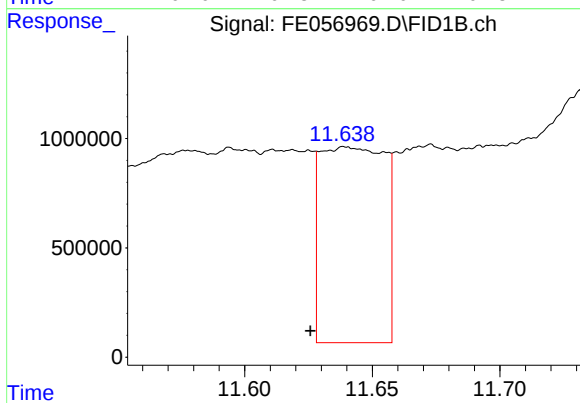
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 488607
Conc: 2.80 ug/ml



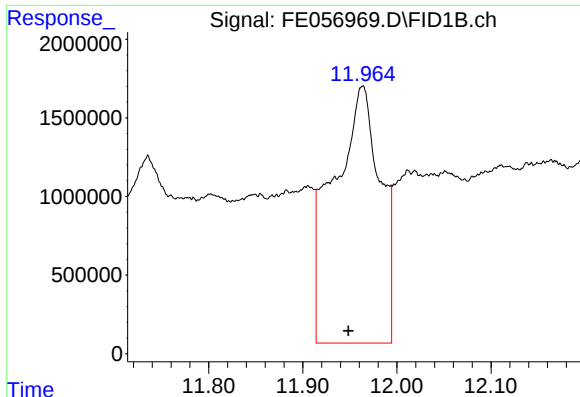
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: 0.006 min
Response: 4926059
Conc: 26.92 ug/ml



#8 n-Octadecane (C18)

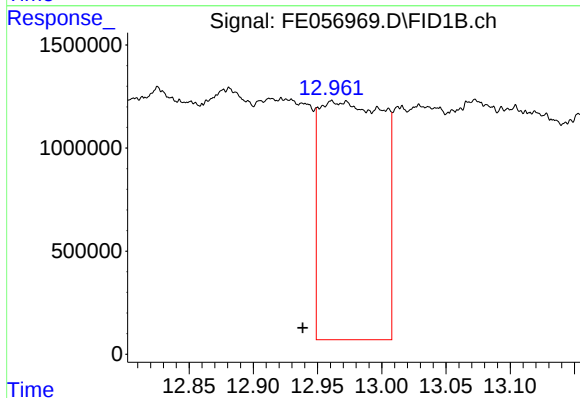
R.T.: 11.640 min
Delta R.T.: 0.015 min
Response: 15623737
Conc: 82.55 ug/ml



#9 ortho-Terphenyl (SURR)

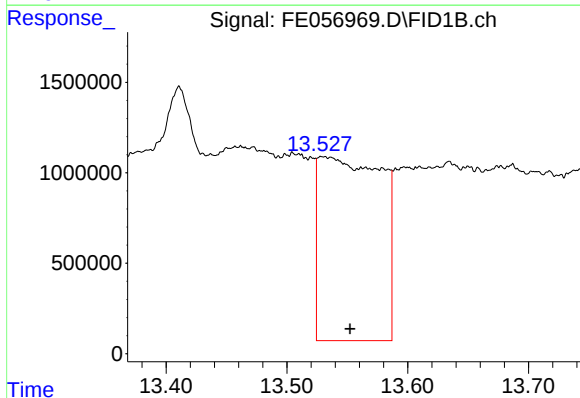
R.T.: 11.963 min
Delta R.T.: 0.015 min
Response: 56627504
Conc: 271.06 ug/ml

Instrument :
FID_E
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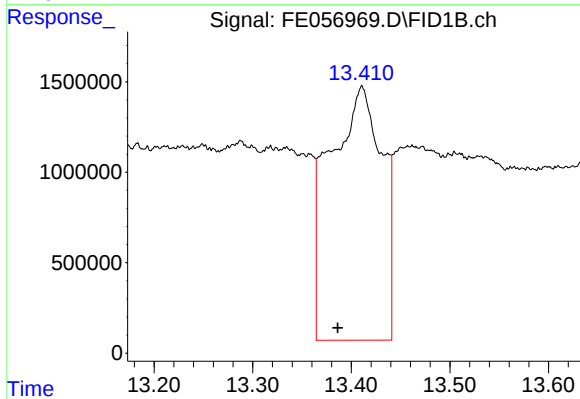
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: 0.023 min
Response: 39787362
Conc: 213.49 ug/ml



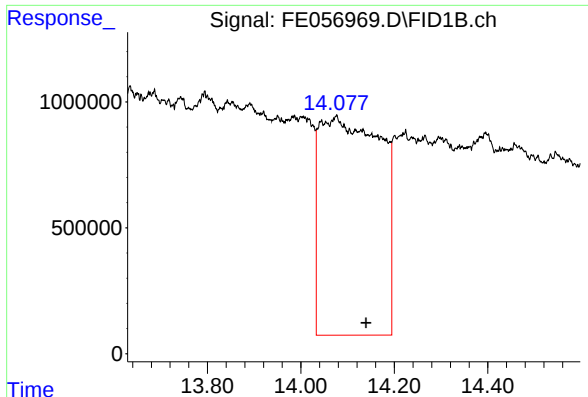
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.022 min
Response: 36434588
Conc: 198.14 ug/ml



#12 1-chlorooctadecane (SURR)

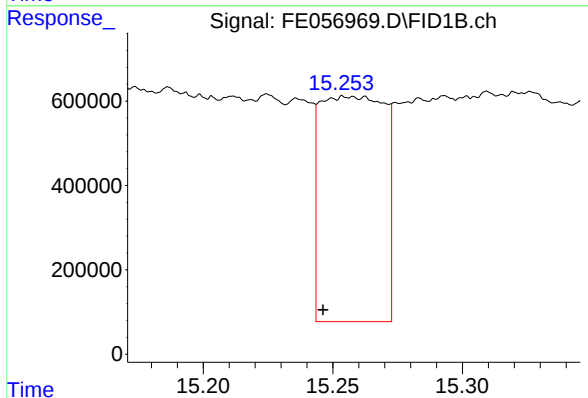
R.T.: 13.411 min
Delta R.T.: 0.024 min
Response: 51819511
Conc: 321.63 ug/ml



#13 n-Docosane (C22)

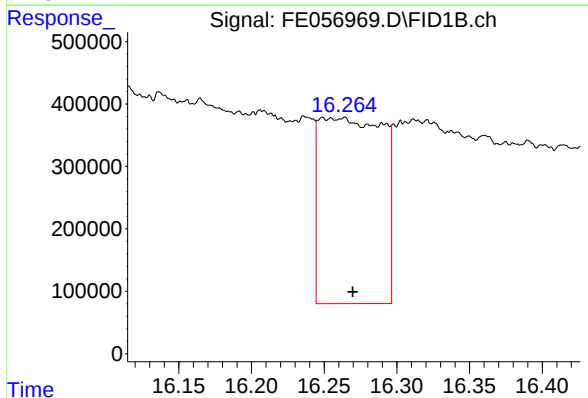
R.T.: 14.076 min
Delta R.T.: -0.064 min
Response: 78813295
Conc: 421.01 ug/ml

Instrument :
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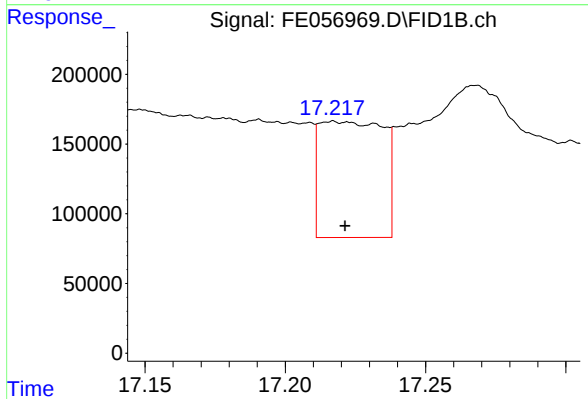
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: 0.010 min
Response: 9203218
Conc: 46.99 ug/ml



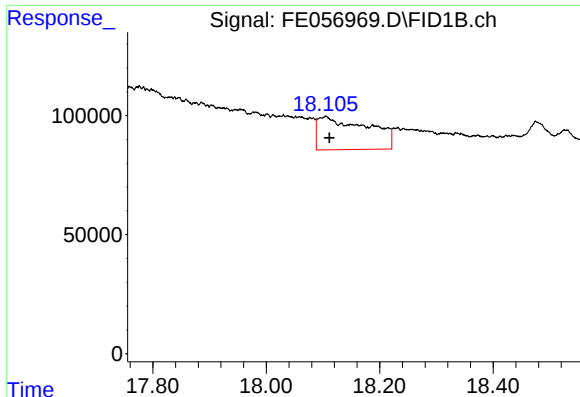
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.018 min
Response: 9057967
Conc: 46.61 ug/ml



#16 n-Octacosane (C28)

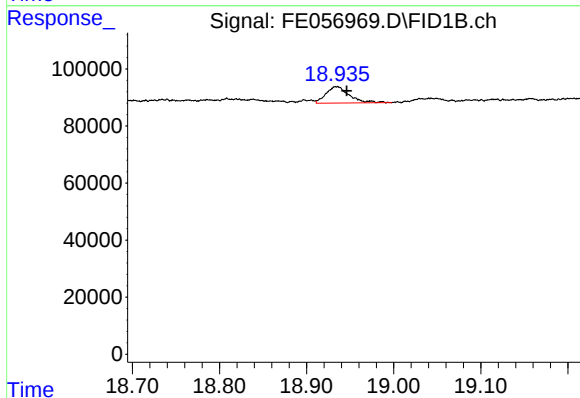
R.T.: 17.218 min
Delta R.T.: -0.003 min
Response: 1318773
Conc: 6.81 ug/ml



#17 n-Tricontane (C30)

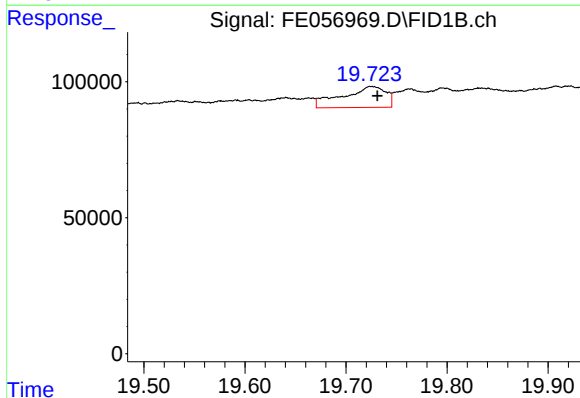
R.T.: 18.104 min
Delta R.T.: -0.007 min
Response: 848719
Conc: 4.23 ug/ml

Instrument :
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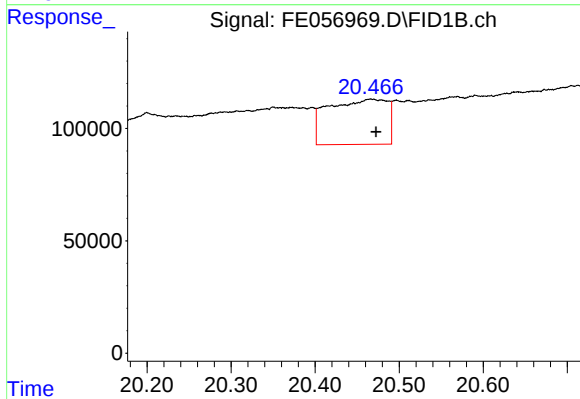
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.012 min
Response: 106475
Conc: 0.54 ug/ml



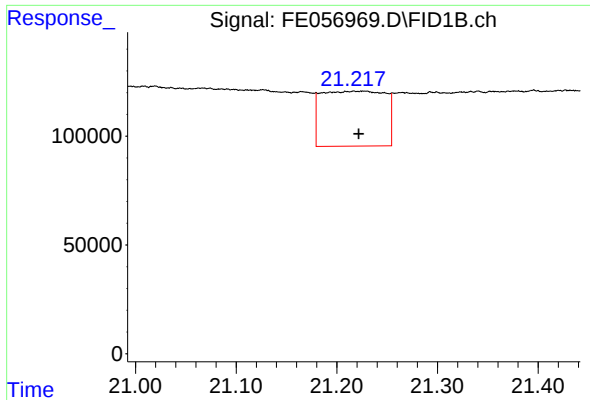
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.005 min
Response: 231356
Conc: 1.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.006 min
Response: 985684
Conc: 6.81 ug/ml



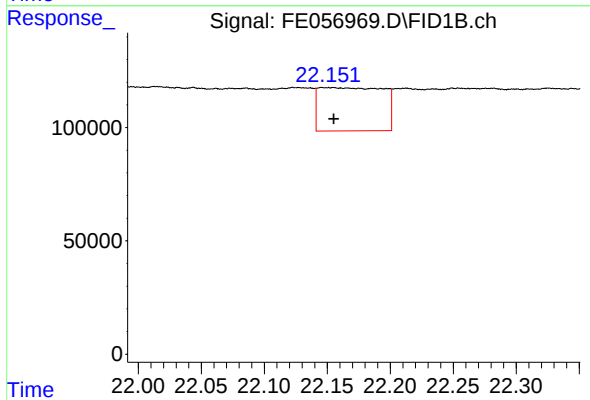
#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.005 min
Response: 1114701
Conc: 8.86 ug/ml

Instrument :

FID_E

ClientSampleId :
FAIRLAWN-GRAVEL



#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: -0.006 min
Response: 676069
Conc: 5.85 ug/ml