

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121525AL\
 Data File : FE057338.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2025 16:23
 Operator : YP\AJ
 Sample : Q3859-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 03:37:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.927	5268098	24.007 ug/ml
Spiked Amount 50.000		Recovery =	48.01%
12) S 1-chlorooctadecane (S...	13.364	3947490	23.719 ug/ml
Spiked Amount 50.000		Recovery =	47.44%
Target Compounds			
4) T n-Dodecane (C12)	6.713	232881	1.141 ug/ml
5) T A~2-methylnaphthalene...	7.434f	148325	0.772 ug/ml
6) T n-Tetradecane (C14)	8.544	643037	3.195 ug/ml
7) T n-Hexadecane (C16)	10.156	459568	2.241 ug/ml
8) T n-Octadecane (C18)	11.602	219487	1.065 ug/ml
10) T n-Eicosane (C20)	12.915	178901	0.909 ug/ml
11) T n-Heneicosane (C21)	13.528	124643	0.649 ug/ml
13) T n-Docosane (C22)	14.116	129613	0.671 ug/ml
14) T n-Tetracosane (C24)	15.221	97614	0.493 ug/ml
15) T n-Hexacosane (C26)	16.246	174953	0.882 ug/ml
16) T n-Octacosane (C28)	17.198	362156	1.762 ug/ml
17) T n-Tricontane (C30)	18.089	555810	2.477 ug/ml
18) T n-Dotriacontane (C32)	18.924	490197	2.100 ug/ml
19) T n-Tetratriacontane (C34)	19.712	620975	2.907 ug/ml
20) T n-Hexatriacontane (C36)	20.454	467118	2.510 ug/ml
21) T n-Octatriacontane (C38)	21.194	339447	1.959 ug/ml
22) T n-Tetracontane (C40)	22.123	430748	2.556 ug/ml

(f)=RT Delta > 1/2 Window

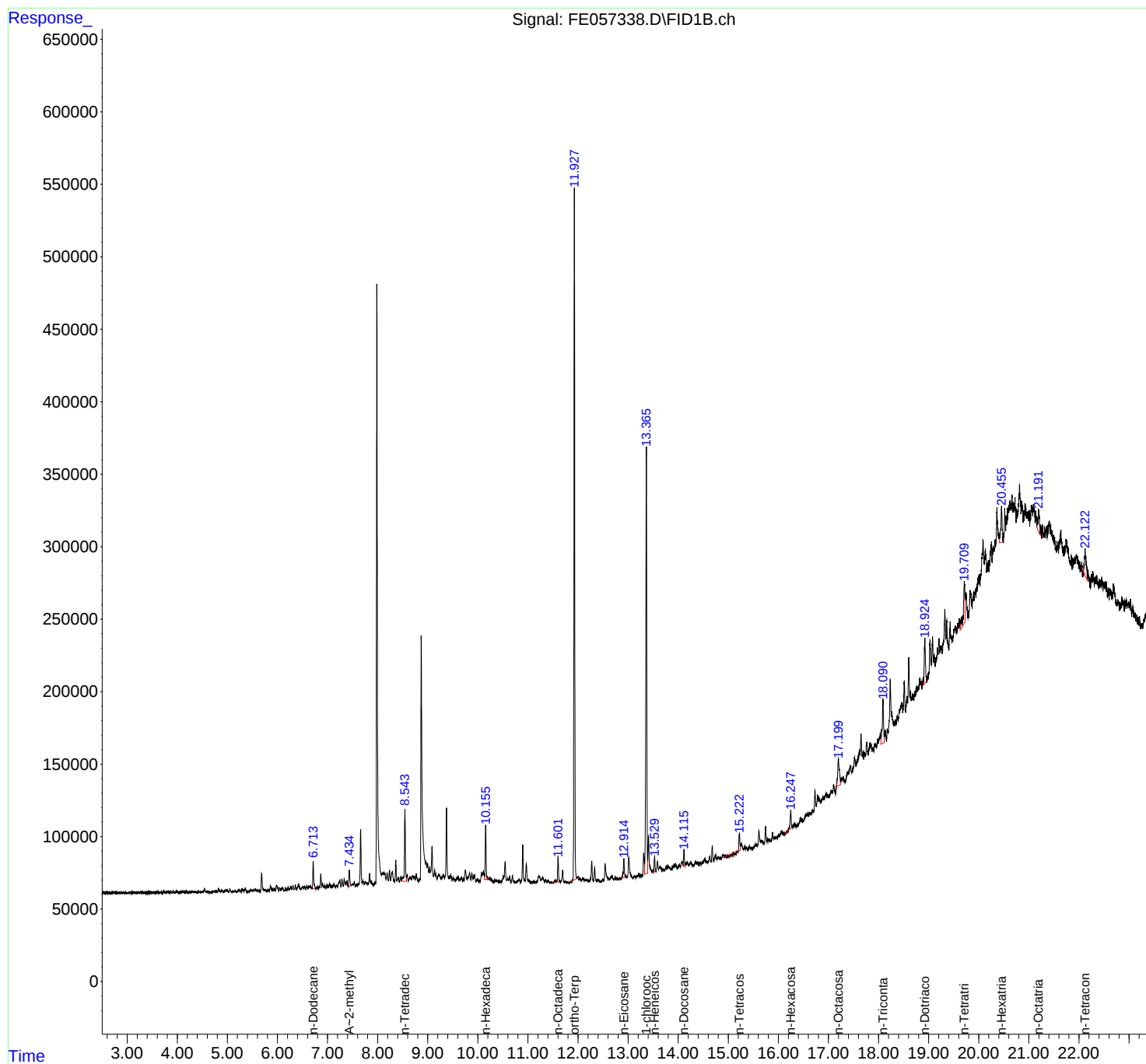
(m)=manual int.

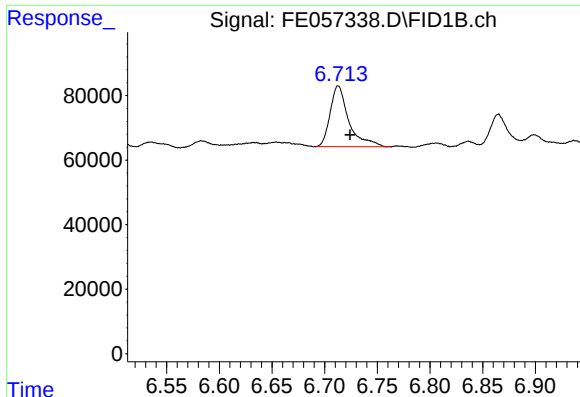
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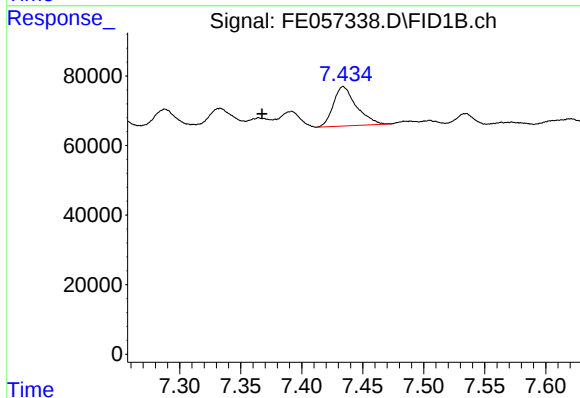




#4 n-Dodecane (C12)

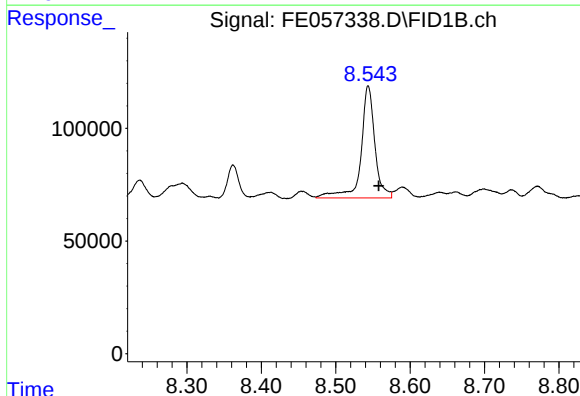
R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 232881
Conc: 1.14 ug/ml

Instrument :
FID_G
ClientSampleId :



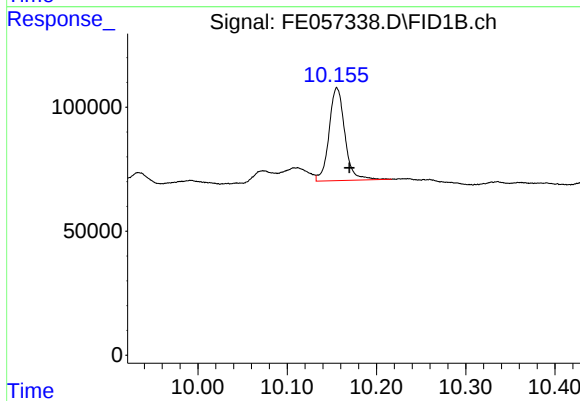
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.434 min
Delta R.T.: 0.067 min
Response: 148325
Conc: 0.77 ug/ml



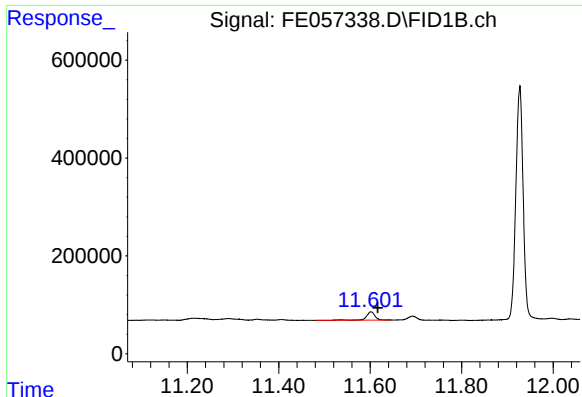
#6 n-Tetradecane (C14)

R.T.: 8.544 min
Delta R.T.: -0.014 min
Response: 643037
Conc: 3.19 ug/ml



#7 n-Hexadecane (C16)

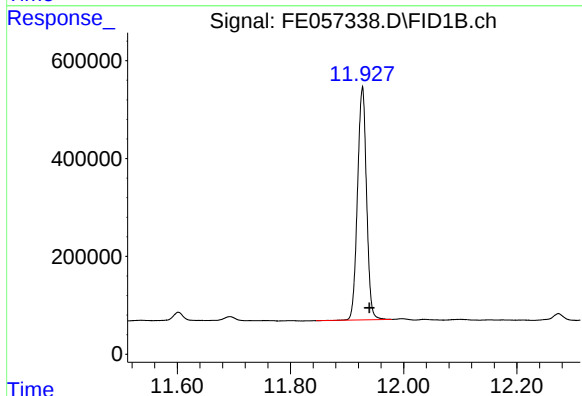
R.T.: 10.156 min
Delta R.T.: -0.014 min
Response: 459568
Conc: 2.24 ug/ml



#8 n-Octadecane (C18)

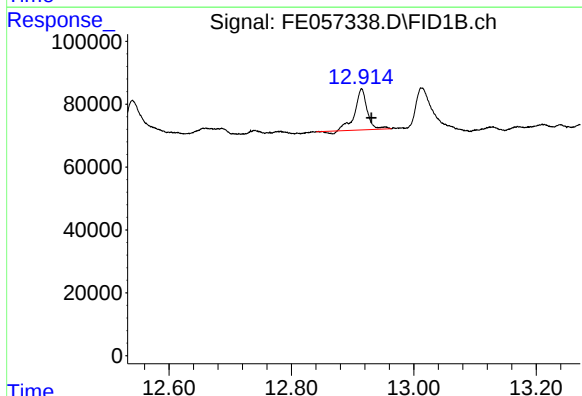
R.T.: 11.602 min
Delta R.T.: -0.015 min
Response: 219487
Conc: 1.06 ug/ml

Instrument :
FID_G
ClientSampleId :



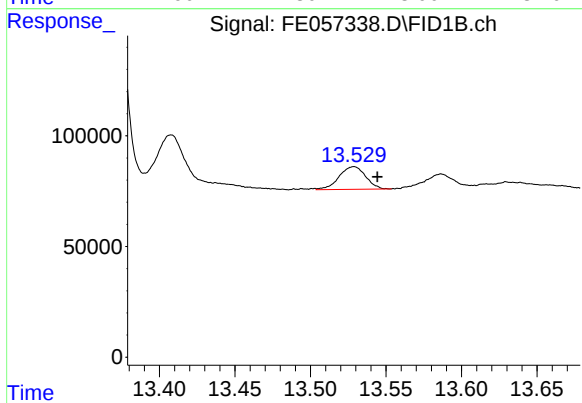
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.013 min
Response: 5268098
Conc: 24.01 ug/ml



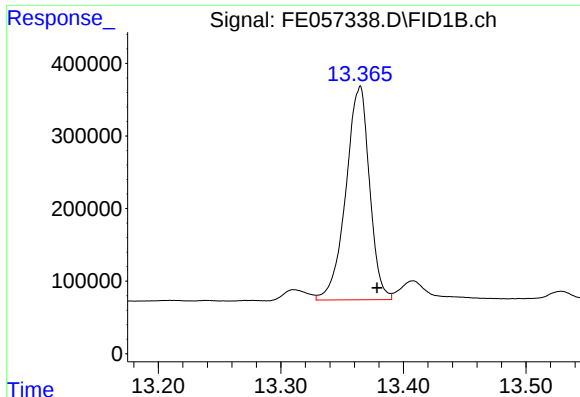
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.016 min
Response: 178901
Conc: 0.91 ug/ml



#11 n-Heneicosane (C21)

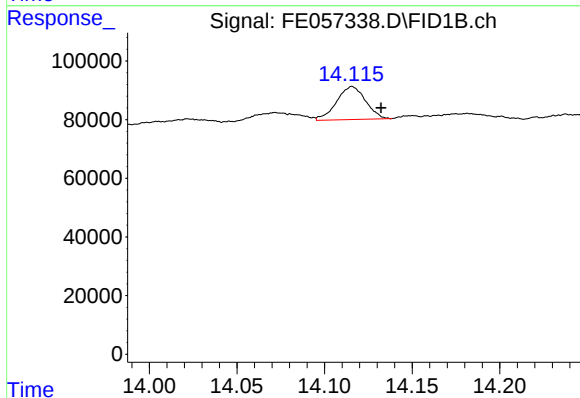
R.T.: 13.528 min
Delta R.T.: -0.016 min
Response: 124643
Conc: 0.65 ug/ml



#12 1-chlorooctadecane (SURR)

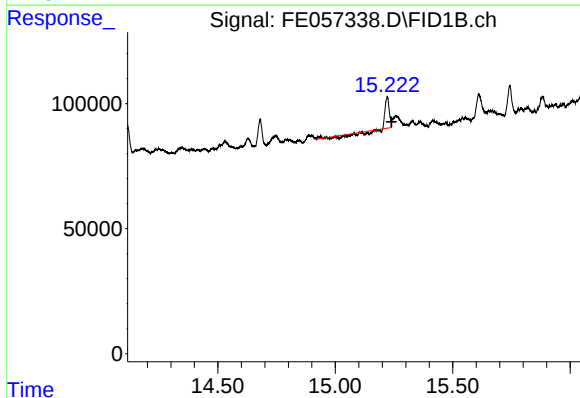
R.T.: 13.364 min
Delta R.T.: -0.014 min
Response: 3947490
Conc: 23.72 ug/ml

Instrument :
FID_G
ClientSampleId :



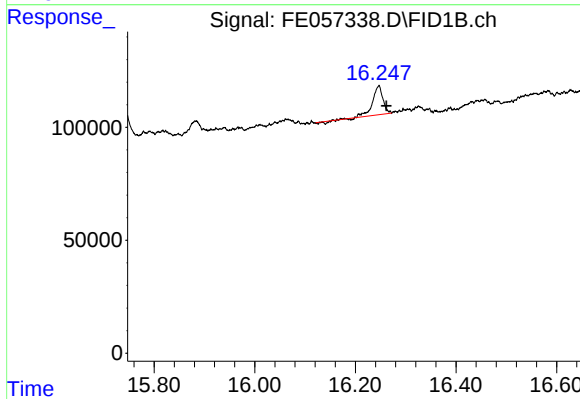
#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: -0.017 min
Response: 129613
Conc: 0.67 ug/ml



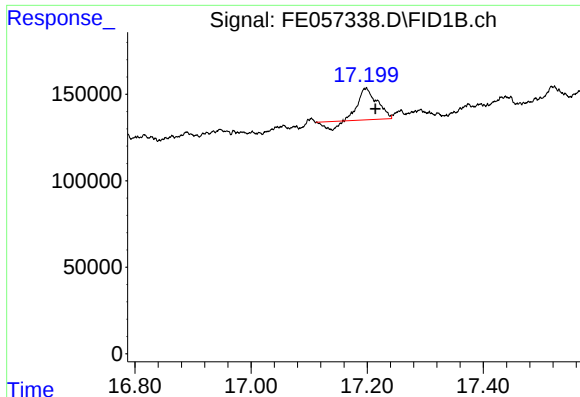
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.017 min
Response: 97614
Conc: 0.49 ug/ml



#15 n-Hexacosane (C26)

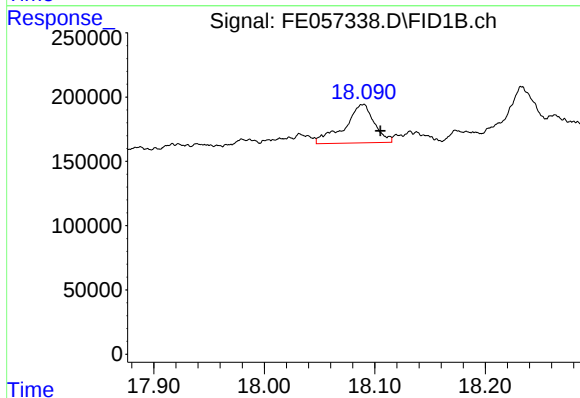
R.T.: 16.246 min
Delta R.T.: -0.016 min
Response: 174953
Conc: 0.88 ug/ml



#16 n-Octacosane (C28)

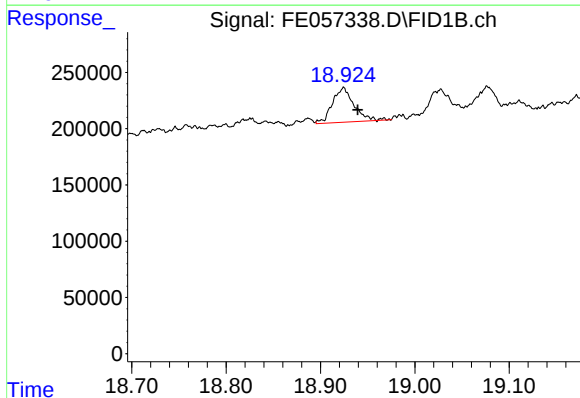
R.T.: 17.198 min
Delta R.T.: -0.017 min
Response: 362156
Conc: 1.76 ug/ml

Instrument :
FID_G
ClientSampleId :



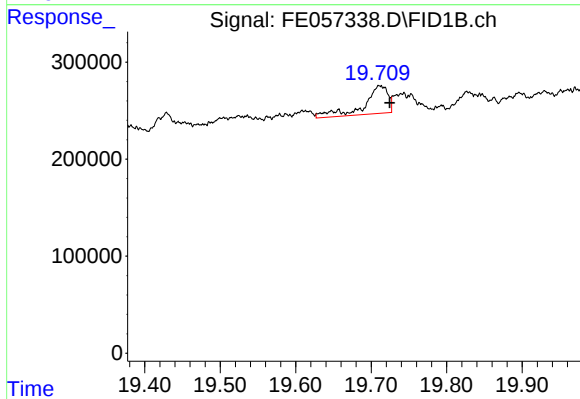
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.016 min
Response: 555810
Conc: 2.48 ug/ml



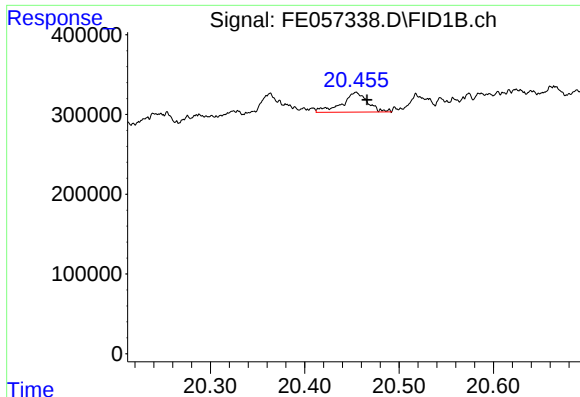
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.015 min
Response: 490197
Conc: 2.10 ug/ml



#19 n-Tetratriacontane (C34)

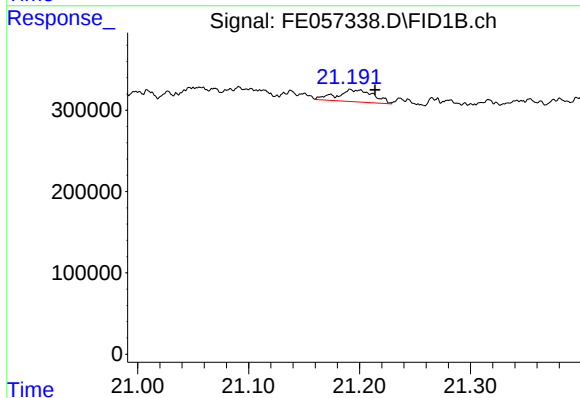
R.T.: 19.712 min
Delta R.T.: -0.013 min
Response: 620975
Conc: 2.91 ug/ml



#20 n-Hexatriacontane (C36)

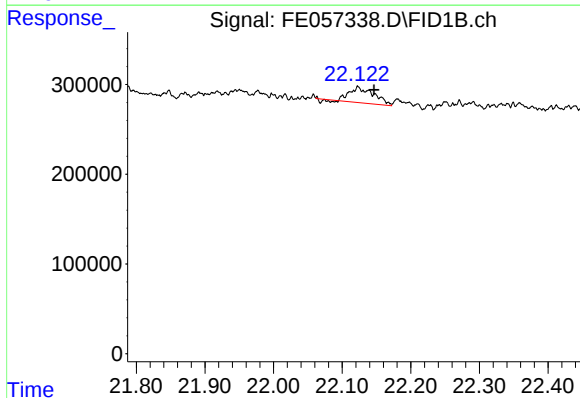
R.T.: 20.454 min
Delta R.T.: -0.012 min
Response: 467118
Conc: 2.51 ug/ml

Instrument :
FID_G
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.020 min
Response: 339447
Conc: 1.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.023 min
Response: 430748
Conc: 2.56 ug/ml