

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092925AL\
 Data File : FE056069.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2025 04:04
 Operator : YP\AJ
 Sample : Q3231-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 05:26:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.075	5136474	27.372 ug/ml
Spiked Amount 50.000		Recovery =	54.74%
12) S 1-chlorooctadecane (S...	13.512	4253827	30.479 ug/ml
Spiked Amount 50.000		Recovery =	60.96%
Target Compounds			
2) T n-Decane (C10)	4.714	88513	0.634 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2863623	17.935 ug/ml
4) T n-Dodecane (C12)	6.847	161805	1.127 ug/ml
5) T A~2-methylnaphthalene...	7.492	1219520	7.842 ug/ml
6) T n-Tetradecane (C14)	8.682	229016	1.549 ug/ml
7) T n-Hexadecane (C16)	10.297	186178	1.172 ug/ml
8) T n-Octadecane (C18)	11.746	136914	0.808 ug/ml
10) T n-Eicosane (C20)	13.059	294130	1.774 ug/ml
11) T n-Heneicosane (C21)	13.709	144256	0.888 ug/ml
13) T n-Docosane (C22)	14.264	81998	0.513 ug/ml
14) T n-Tetracosane (C24)	15.367	611700	4.014 ug/ml
16) T n-Octacosane (C28)	17.348	106288	0.763 ug/ml
17) T n-Tricontane (C30)	18.240	504750	3.406 ug/ml
18) T n-Dotriacontane (C32)	19.068	327613	2.196 ug/ml
19) T n-Tetratriacontane (C34)	19.858	52355	0.370 ug/ml
20) T n-Hexatriacontane (C36)	20.601	216851	1.689 ug/ml
22) T n-Tetracontane (C40)	22.368	217916	1.832 ug/ml

(f)=RT Delta > 1/2 Window

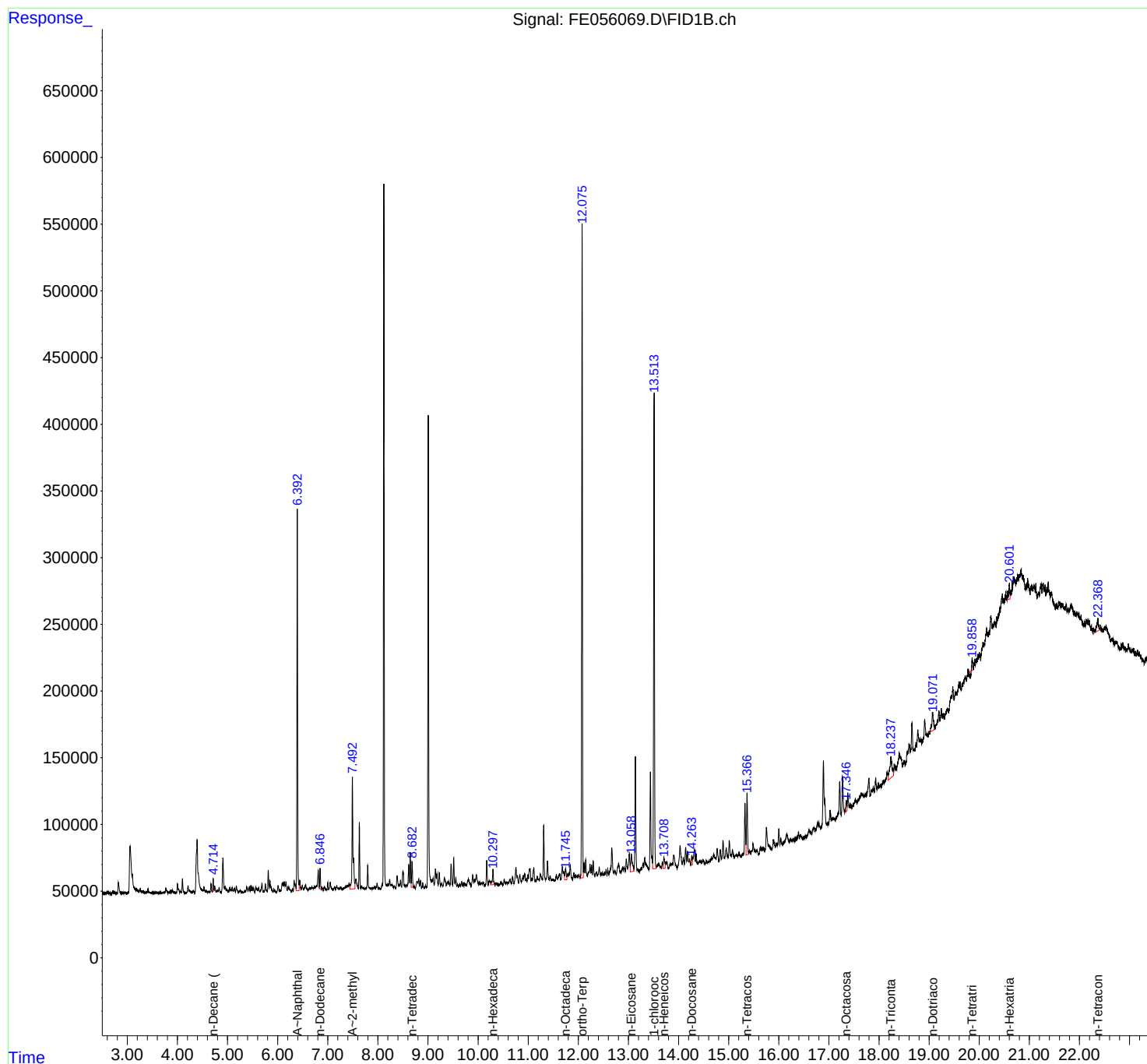
(m)=manual int.

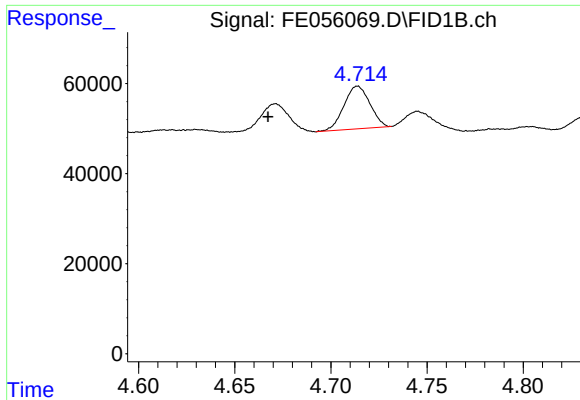
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092925AL\
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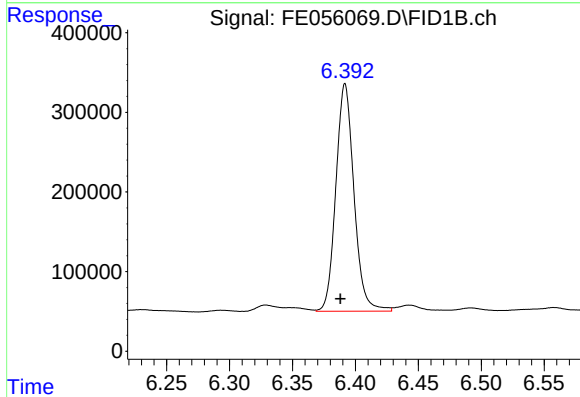




#2 n-Decane (C10)

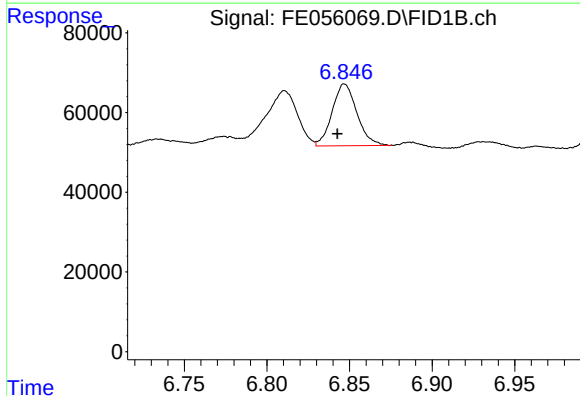
R.T.: 4.714 min
Delta R.T.: 0.047 min
Response: 88513
Conc: 0.63 ug/ml

Instrument :
FID_E
ClientSampleId :



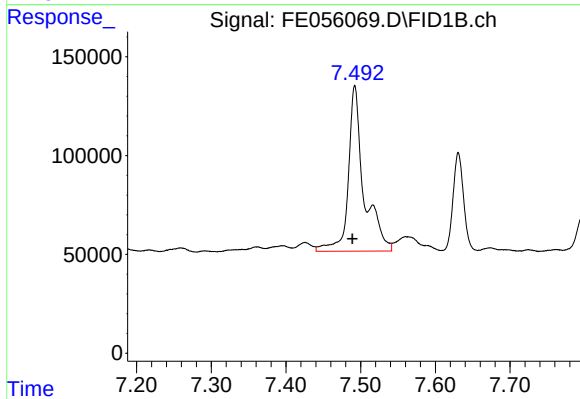
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.004 min
Response: 2863623
Conc: 17.94 ug/ml



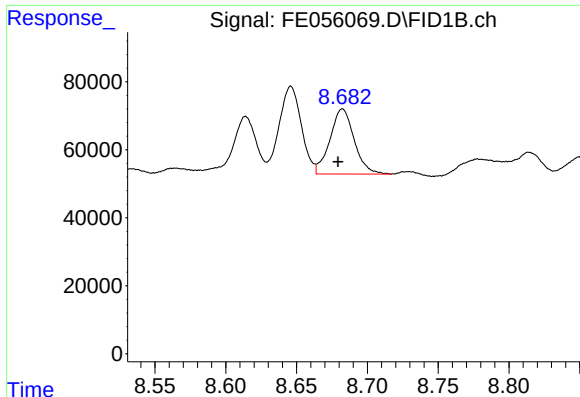
#4 n-Dodecane (C12)

R.T.: 6.847 min
Delta R.T.: 0.004 min
Response: 161805
Conc: 1.13 ug/ml



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

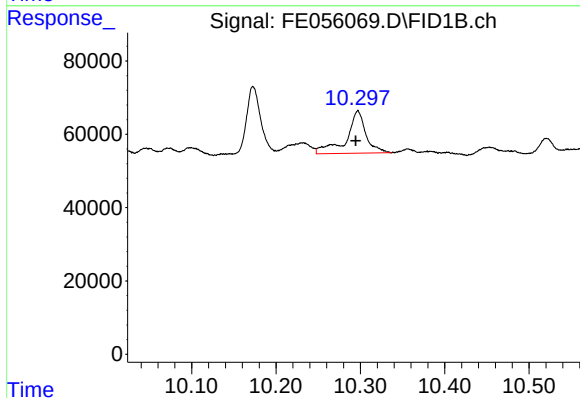
R.T.: 7.492 min
Delta R.T.: 0.004 min
Response: 1219520
Conc: 7.84 ug/ml



#6 n-Tetradecane (C14)

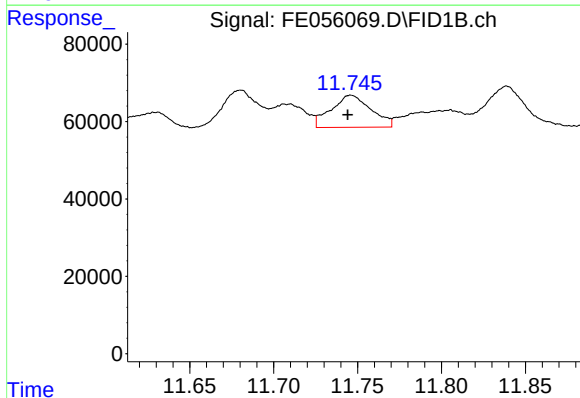
R.T.: 8.682 min
Delta R.T.: 0.003 min
Response: 229016
Conc: 1.55 ug/ml

Instrument :
FID_E
ClientSampleId :



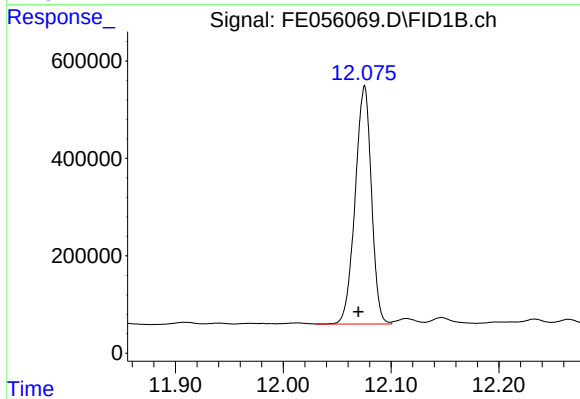
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.003 min
Response: 186178
Conc: 1.17 ug/ml



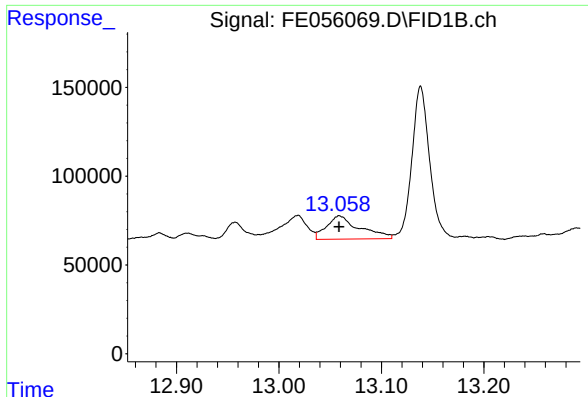
#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: 0.002 min
Response: 136914
Conc: 0.81 ug/ml



#9 ortho-Terphenyl (SURR)

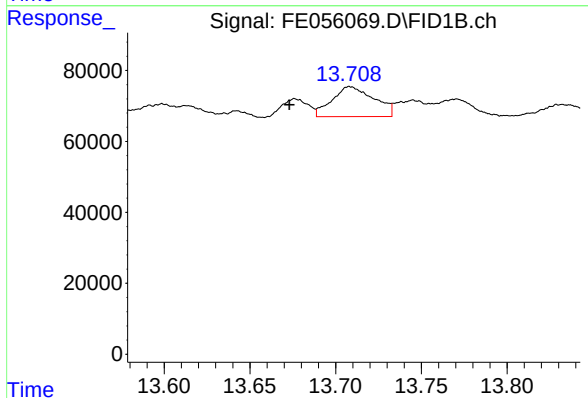
R.T.: 12.075 min
Delta R.T.: 0.005 min
Response: 5136474
Conc: 27.37 ug/ml



#10 n-Eicosane (C20)

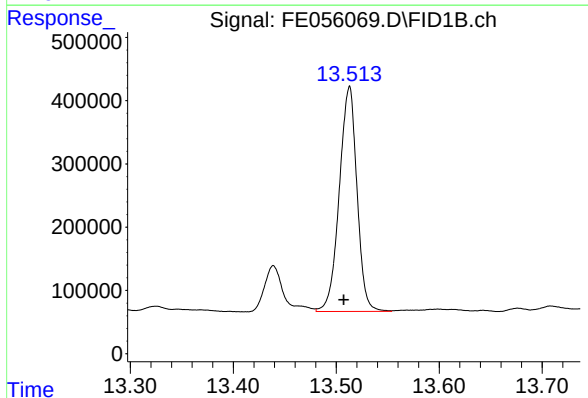
R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 294130
Conc: 1.77 ug/ml

Instrument :
FID_E
ClientSampleId :



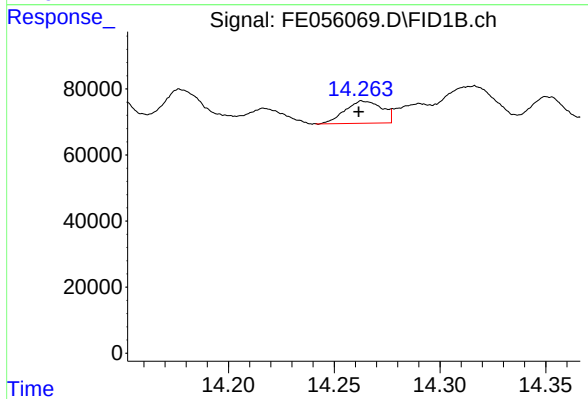
#11 n-Heneicosane (C21)

R.T.: 13.709 min
Delta R.T.: 0.036 min
Response: 144256
Conc: 0.89 ug/ml



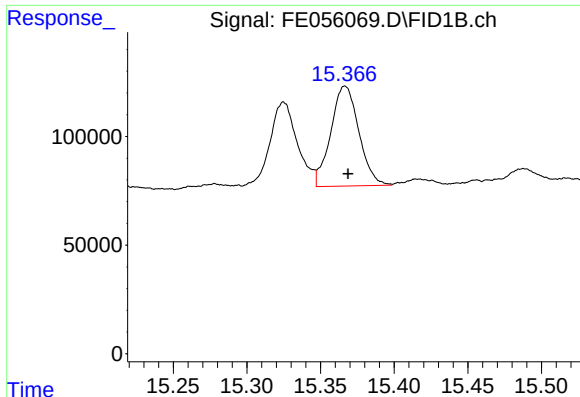
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.005 min
Response: 4253827
Conc: 30.48 ug/ml



#13 n-Docosane (C22)

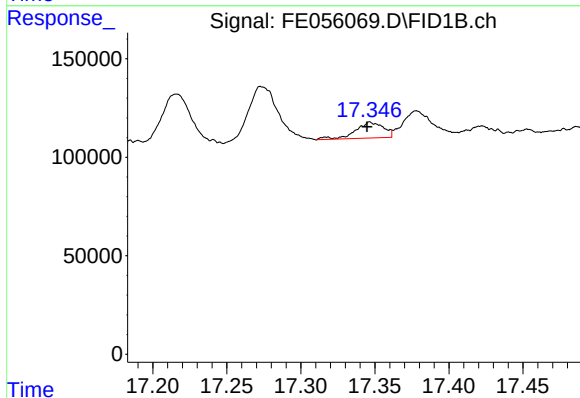
R.T.: 14.264 min
Delta R.T.: 0.003 min
Response: 81998
Conc: 0.51 ug/ml



#14 n-Tetracosane (C24)

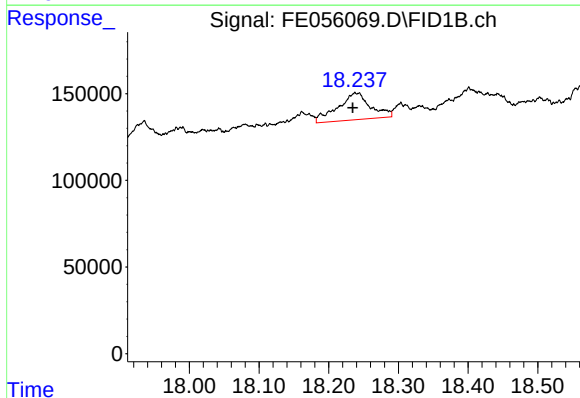
R.T.: 15.367 min
Delta R.T.: -0.002 min
Response: 611700
Conc: 4.01 ug/ml

Instrument :
FID_E
ClientSampleId :



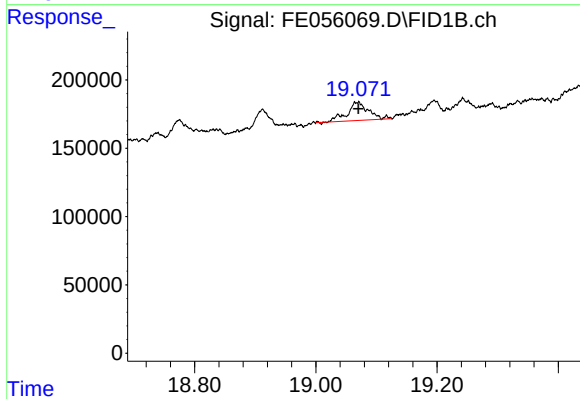
#16 n-Octacosane (C28)

R.T.: 17.348 min
Delta R.T.: 0.003 min
Response: 106288
Conc: 0.76 ug/ml



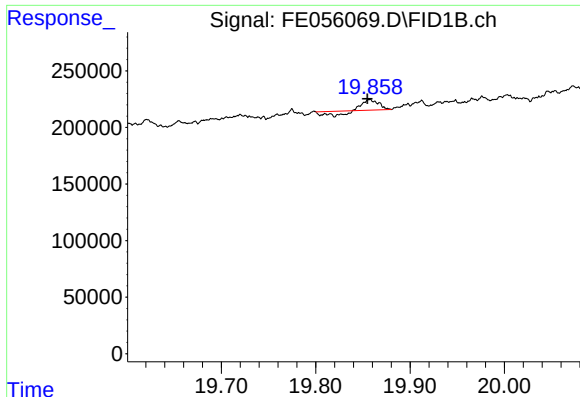
#17 n-Tricontane (C30)

R.T.: 18.240 min
Delta R.T.: 0.005 min
Response: 504750
Conc: 3.41 ug/ml



#18 n-Dotriacontane (C32)

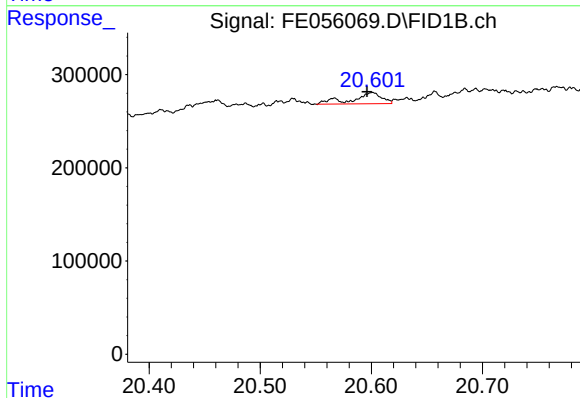
R.T.: 19.068 min
Delta R.T.: -0.002 min
Response: 327613
Conc: 2.20 ug/ml



#19 n-Tetratriacontane (C34)

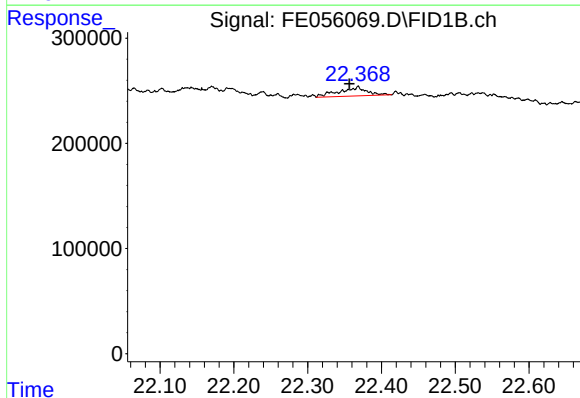
R.T.: 19.858 min
Delta R.T.: 0.003 min
Response: 52355
Conc: 0.37 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.601 min
Delta R.T.: 0.005 min
Response: 216851
Conc: 1.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: 0.012 min
Response: 217916
Conc: 1.83 ug/ml