

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072525AL\
 Data File : FE055026.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2025 14:44
 Operator : YP\AJ
 Sample : Q2691-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 295

Integration File: autoint1.e
 Quant Time: Jul 26 00:08:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.101	9875552	60.812 ug/ml
Spiked Amount 50.000		Recovery =	121.62%
12) S 1-chlorooctadecane (S...	13.536	1653139	13.090 ug/ml
Spiked Amount 50.000		Recovery =	26.18%
Target Compounds			
5) T A~2-methylnaphthalene...	7.514	23454	0.160 ug/ml
6) T n-Tetradecane (C14)	8.691	265047	1.912 ug/ml
7) T n-Hexadecane (C16)	10.299	1505842	10.567 ug/ml
8) T n-Octadecane (C18)	11.753	4614098	31.484 ug/ml
10) T n-Eicosane (C20)	13.073	1487237	10.343 ug/ml
11) T n-Heneicosane (C21)	13.670	1173693	8.217 ug/ml
13) T n-Docosane (C22)	14.263	771136	5.401 ug/ml
14) T n-Tetracosane (C24)	15.405	254460	1.750 ug/ml
15) T n-Hexacosane (C26)	16.436	101254	0.700 ug/ml
16) T n-Octacosane (C28)	17.371	71783	0.493 ug/ml
17) T n-Tricontane (C30)	18.256	154785	0.982 ug/ml
18) T n-Dotriacontane (C32)	19.086	132307	0.818 ug/ml
19) T n-Tetratriacontane (C34)	19.881	54494	0.358 ug/ml
20) T n-Hexatriacontane (C36)	20.547f	32481	0.242 ug/ml
21) T n-Octatriacontane (C38)	21.372	360396	3.073 ug/ml
22) T n-Tetracontane (C40)	22.392	69635	0.642 ug/ml

(f)=RT Delta > 1/2 Window

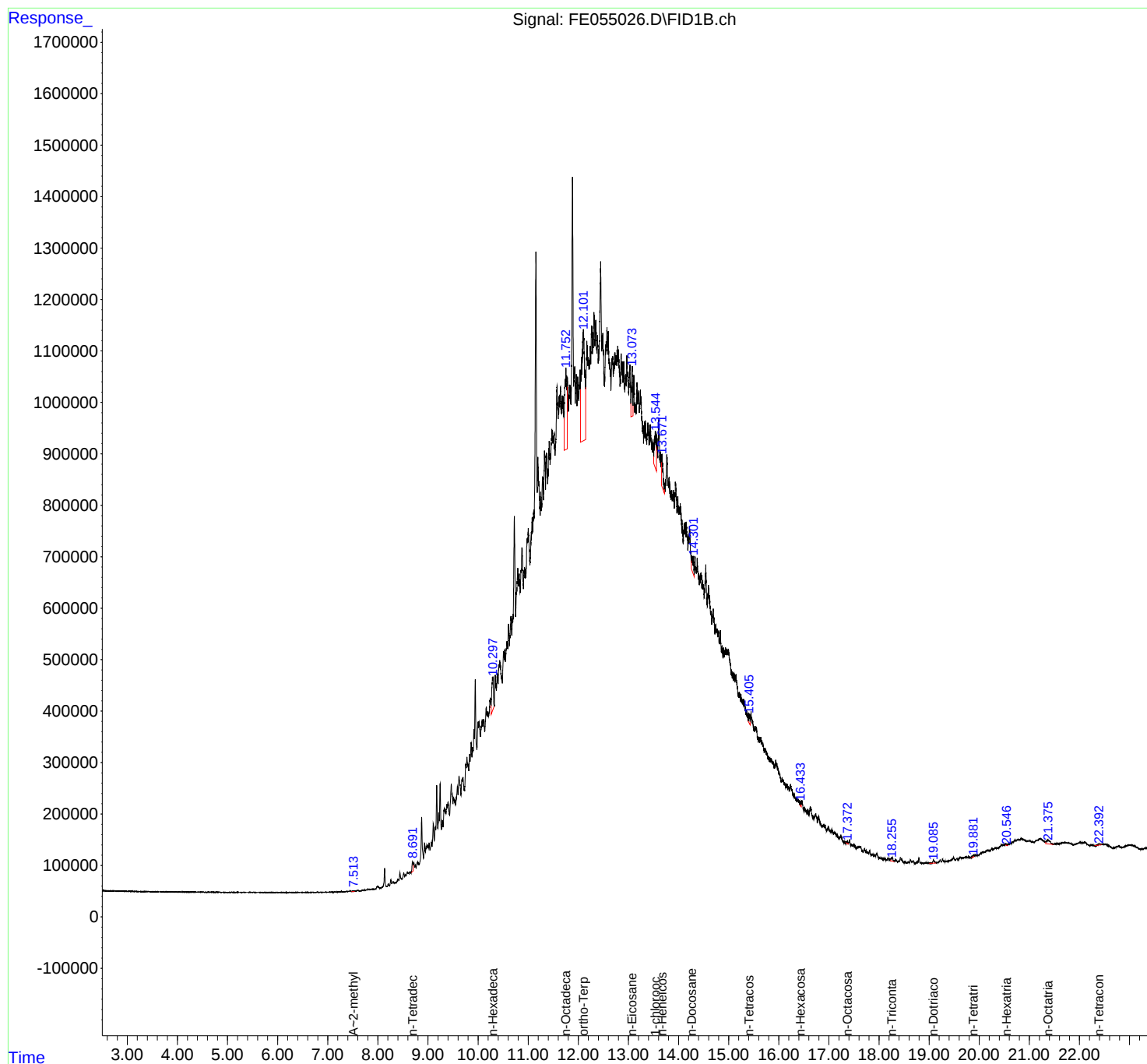
(m)=manual int.

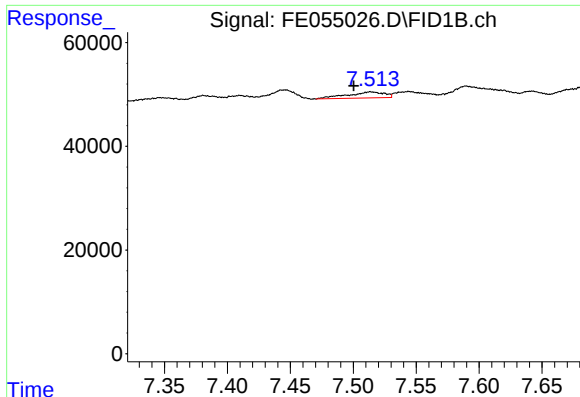
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072525AL\
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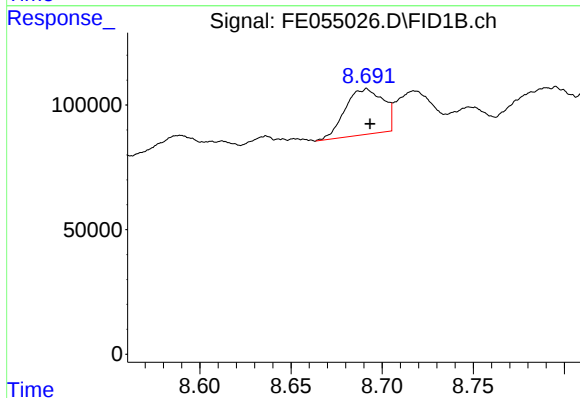




#5 A~2-methylnaphthalene (C12.89)

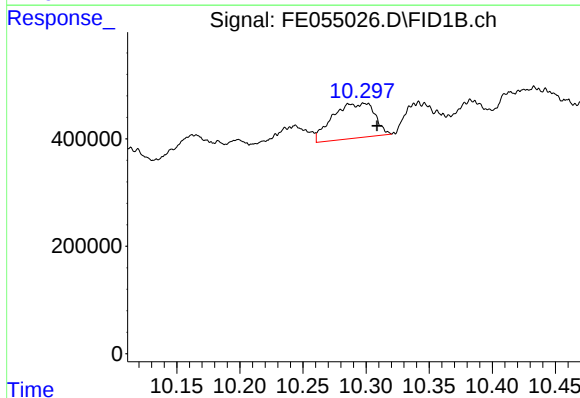
R.T.: 7.514 min
Delta R.T.: 0.014 min
Response: 23454
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :
295



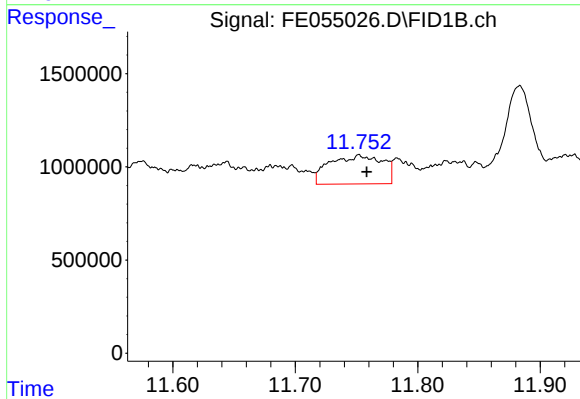
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 265047
Conc: 1.91 ug/ml



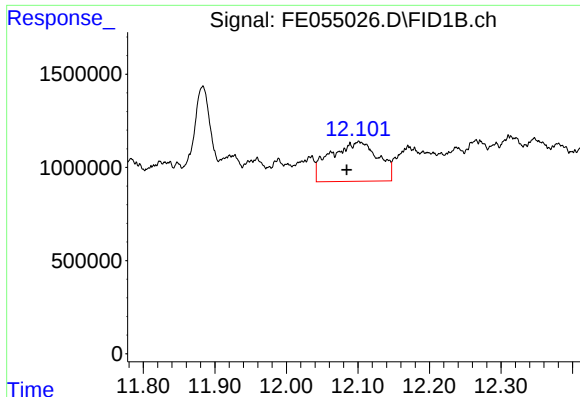
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: -0.010 min
Response: 1505842
Conc: 10.57 ug/ml



#8 n-Octadecane (C18)

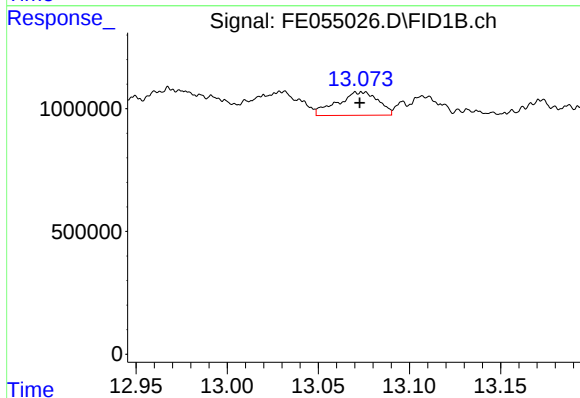
R.T.: 11.753 min
Delta R.T.: -0.006 min
Response: 4614098
Conc: 31.48 ug/ml



#9 ortho-Terphenyl (SURR)

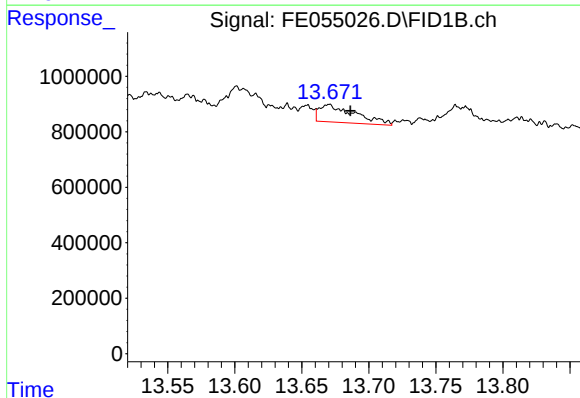
R.T.: 12.101 min
Delta R.T.: 0.017 min
Response: 9875552
Conc: 60.81 ug/ml

Instrument :
FID_E
ClientSampleId :
295



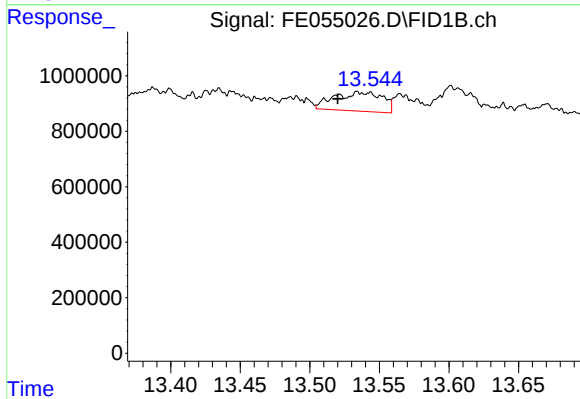
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 1487237
Conc: 10.34 ug/ml



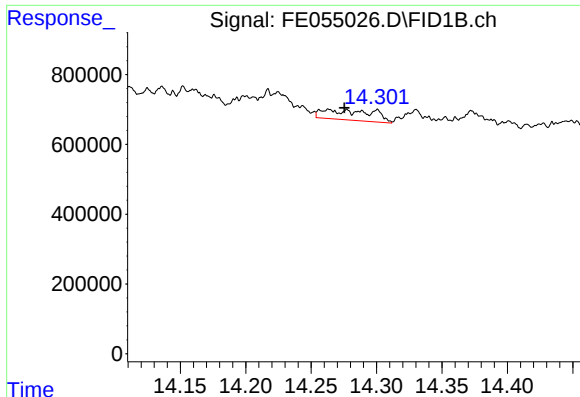
#11 n-Heneicosane (C21)

R.T.: 13.670 min
Delta R.T.: -0.017 min
Response: 1173693
Conc: 8.22 ug/ml



#12 1-chlorooctadecane (SURR)

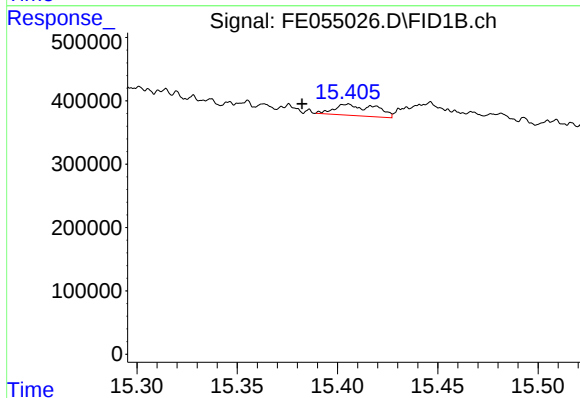
R.T.: 13.536 min
Delta R.T.: 0.016 min
Response: 1653139
Conc: 13.09 ug/ml



#13 n-Docosane (C22)

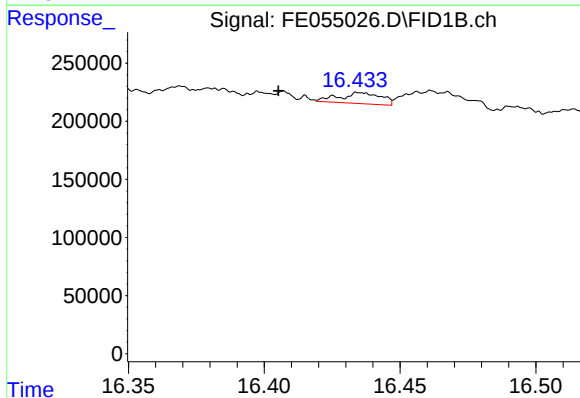
R.T.: 14.263 min
Delta R.T.: -0.012 min
Response: 771136
Conc: 5.40 ug/ml

Instrument :
FID_E
ClientSampleId :
295



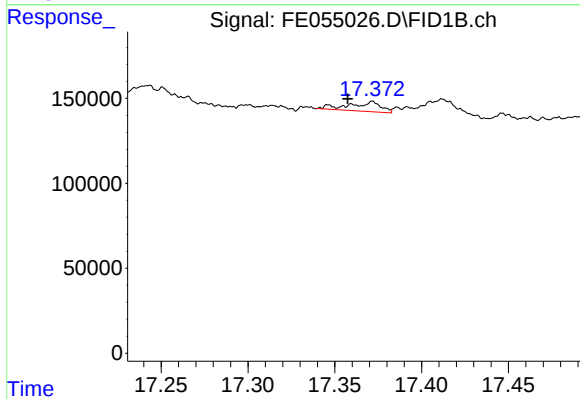
#14 n-Tetracosane (C24)

R.T.: 15.405 min
Delta R.T.: 0.023 min
Response: 254460
Conc: 1.75 ug/ml



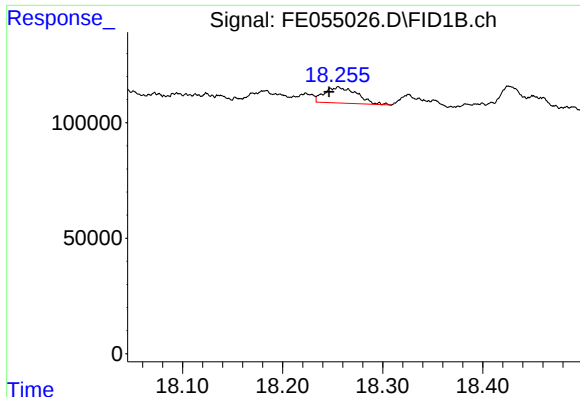
#15 n-Hexacosane (C26)

R.T.: 16.436 min
Delta R.T.: 0.031 min
Response: 101254
Conc: 0.70 ug/ml



#16 n-Octacosane (C28)

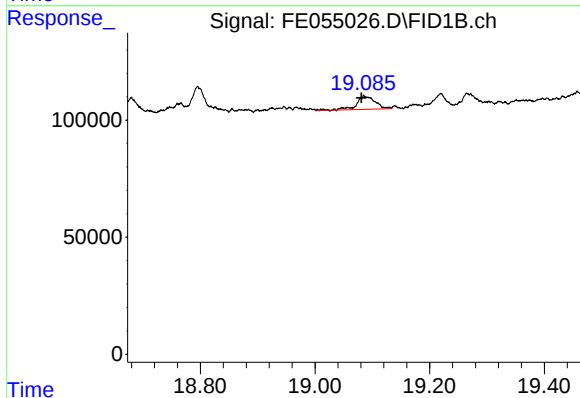
R.T.: 17.371 min
Delta R.T.: 0.014 min
Response: 71783
Conc: 0.49 ug/ml



#17 n-Tricontane (C30)

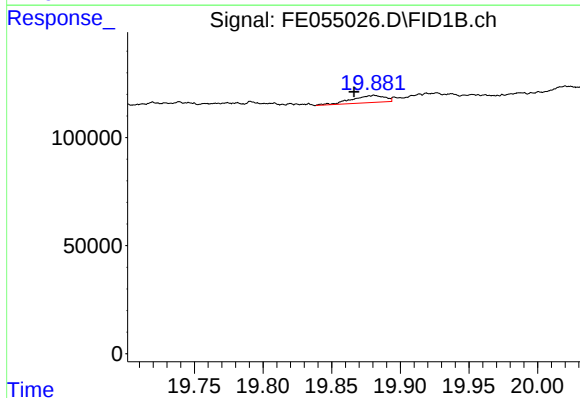
R.T.: 18.256 min
Delta R.T.: 0.009 min
Response: 154785
Conc: 0.98 ug/ml

Instrument :
FID_E
ClientSampleId :
295



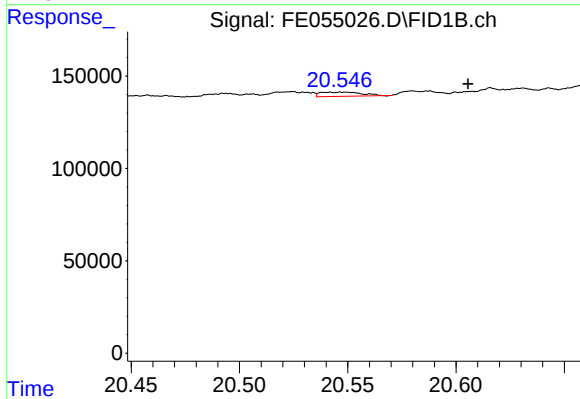
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.006 min
Response: 132307
Conc: 0.82 ug/ml



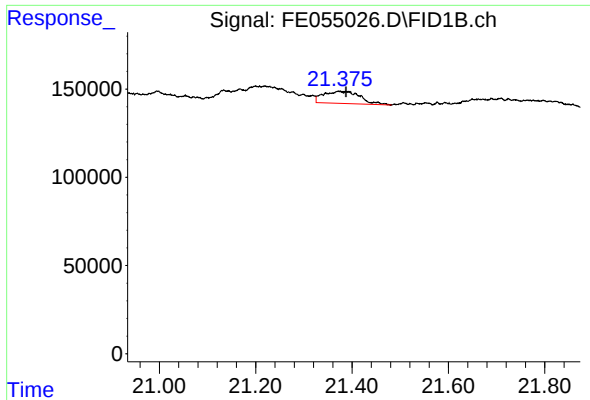
#19 n-Tetratriacontane (C34)

R.T.: 19.881 min
Delta R.T.: 0.014 min
Response: 54494
Conc: 0.36 ug/ml



#20 n-Hexatriacontane (C36)

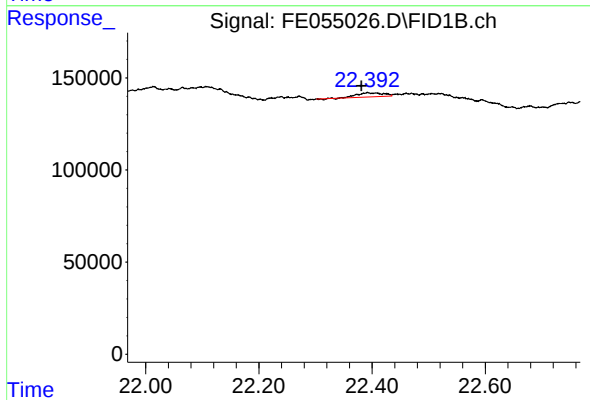
R.T.: 20.547 min
Delta R.T.: -0.058 min
Response: 32481
Conc: 0.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: -0.015 min
Response: 360396
Conc: 3.07 ug/ml

Instrument :
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295



#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.011 min
Response: 69635
Conc: 0.64 ug/ml