

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081125AL\
 Data File : FE055234.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2025 17:56
 Operator : YP\AJ
 Sample : Q2809-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 12 01:24:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.088	5331449	37.334 ug/ml
Spiked Amount 50.000		Recovery =	74.67%
12) S 1-chlorooctadecane (S...	13.525	4723962	43.934 ug/ml
Spiked Amount 50.000		Recovery =	87.87%
Target Compounds			
2) T n-Decane (C10)	4.678	23989	0.206 ug/ml
3) T A~Naphthalene (C11.7)	6.402	157460	1.173 ug/ml
4) T n-Dodecane (C12)	6.856	40019	0.336 ug/ml
5) T A~2-methylnaphthalene...	7.502	110228	0.845 ug/ml
6) T n-Tetradecane (C14)	8.690	97736	0.797 ug/ml
7) T n-Hexadecane (C16)	10.331	157946	1.235 ug/ml
8) T n-Octadecane (C18)	11.757	88705	0.680 ug/ml
10) T n-Eicosane (C20)	13.072	252678	2.014 ug/ml
11) T n-Heneicosane (C21)	13.689	66819	0.542 ug/ml
13) T n-Docosane (C22)	14.278	143106	1.172 ug/ml
14) T n-Tetracosane (C24)	15.381	1257108	10.335 ug/ml
15) T n-Hexacosane (C26)	16.410	190513	1.592 ug/ml
16) T n-Octacosane (C28)	17.365	258985	2.183 ug/ml
17) T n-Tricontane (C30)	18.255	812815	6.606 ug/ml
18) T n-Dotriacontane (C32)	19.090	564835	4.629 ug/ml
19) T n-Tetratriacontane (C34)	19.877	573085	4.902 ug/ml
20) T n-Hexatriacontane (C36)	20.621	229561	2.100 ug/ml
21) T n-Octatriacontane (C38)	21.362	431876	3.996 ug/ml
22) T n-Tetracontane (C40)	22.353	176045	1.683 ug/ml

(f)=RT Delta > 1/2 Window

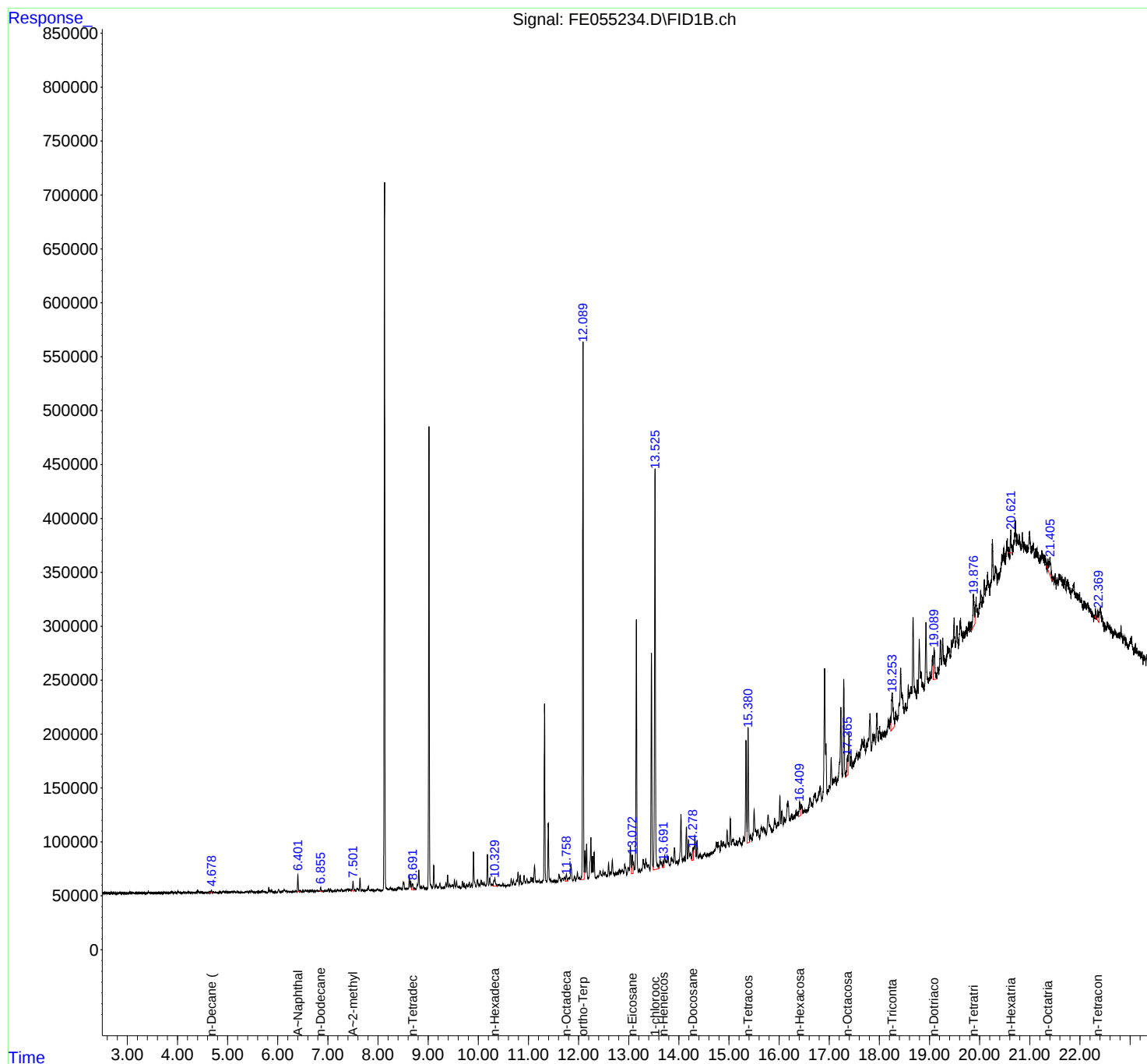
(m)=manual int.

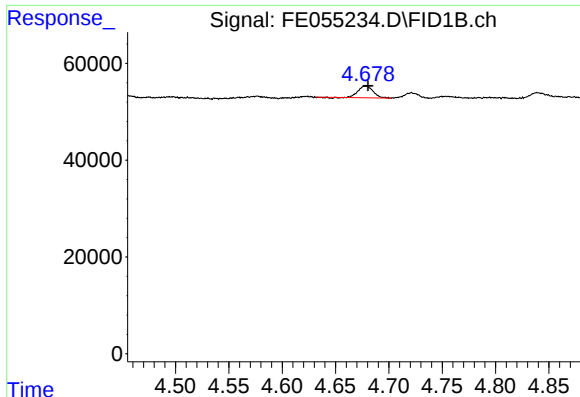
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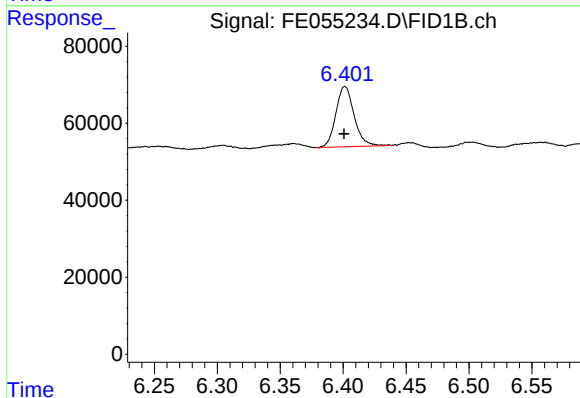




#2 n-Decane (C10)

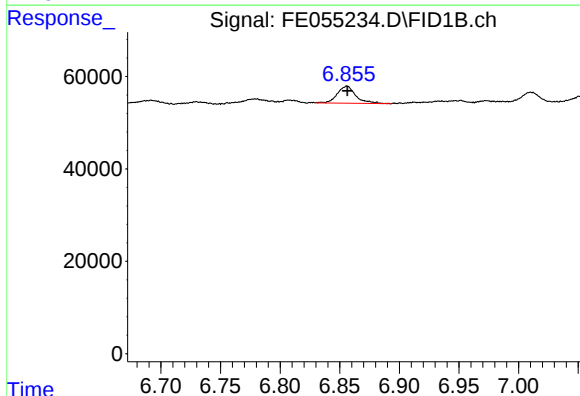
R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 23989
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



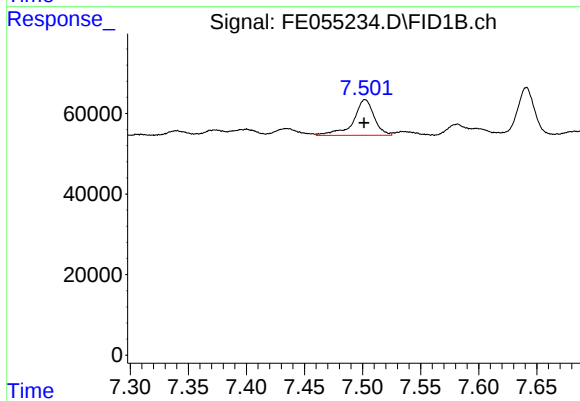
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 157460
Conc: 1.17 ug/ml



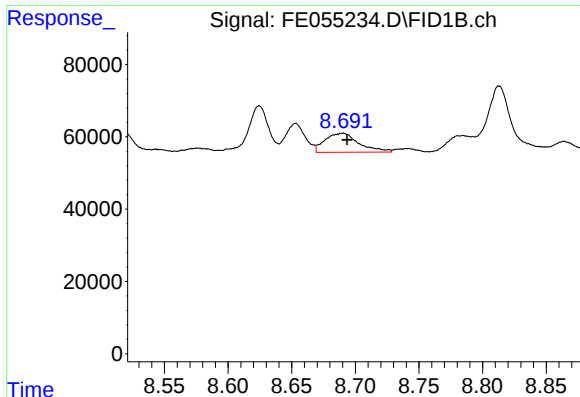
#4 n-Dodecane (C12)

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 40019
Conc: 0.34 ug/ml



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

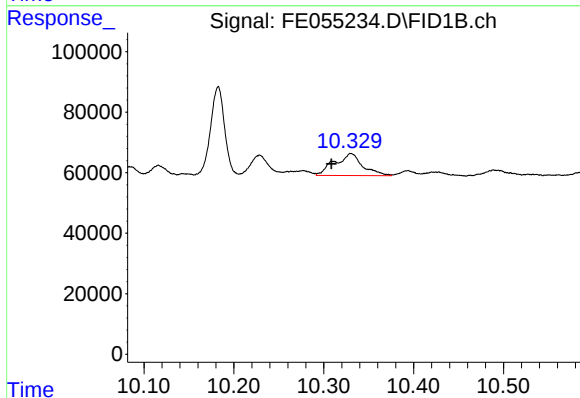
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 110228
Conc: 0.85 ug/ml



#6 n-Tetradecane (C14)

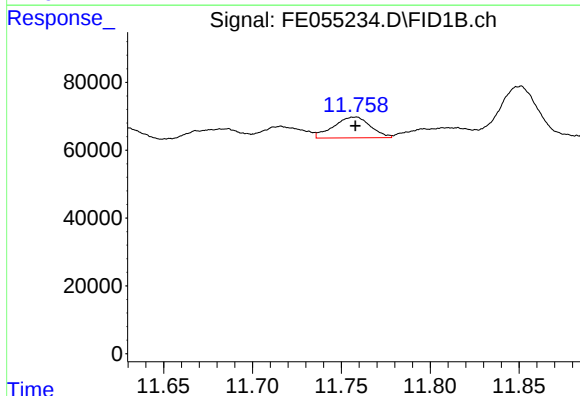
R.T.: 8.690 min
Delta R.T.: -0.004 min
Response: 97736
Conc: 0.80 ug/ml

Instrument :
FID_E
ClientSampleId :



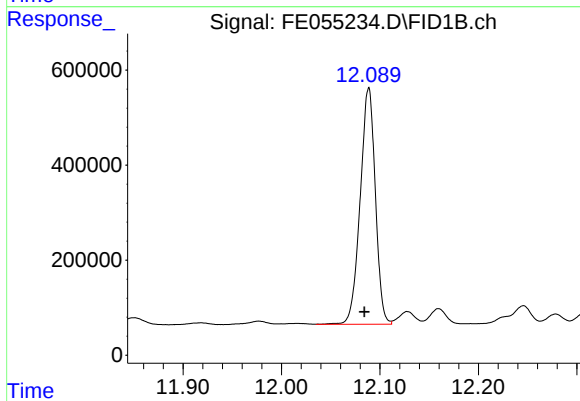
#7 n-Hexadecane (C16)

R.T.: 10.331 min
Delta R.T.: 0.022 min
Response: 157946
Conc: 1.24 ug/ml



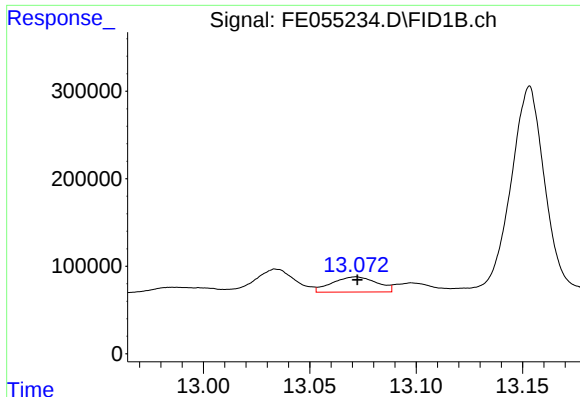
#8 n-Octadecane (C18)

R.T.: 11.757 min
Delta R.T.: 0.000 min
Response: 88705
Conc: 0.68 ug/ml



#9 ortho-Terphenyl (SURR)

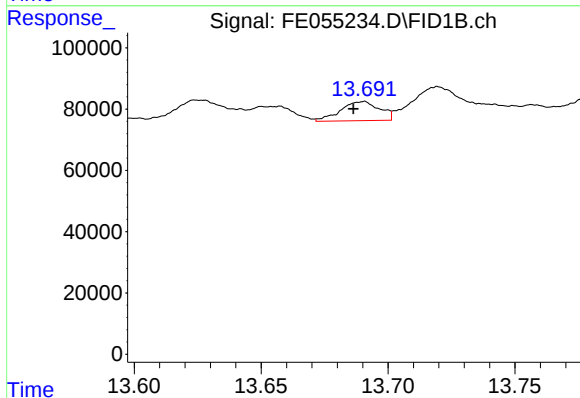
R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5331449
Conc: 37.33 ug/ml



#10 n-Eicosane (C20)

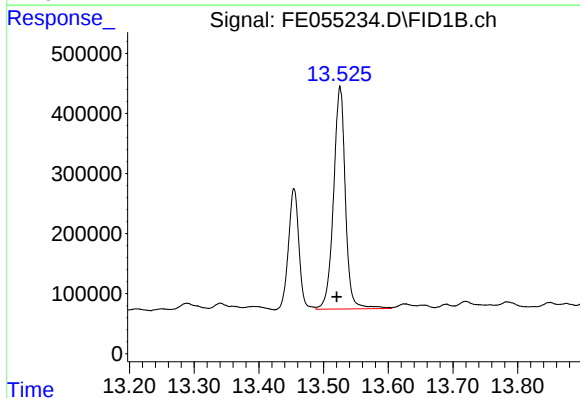
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 252678
Conc: 2.01 ug/ml

Instrument :
FID_E
ClientSampleId :



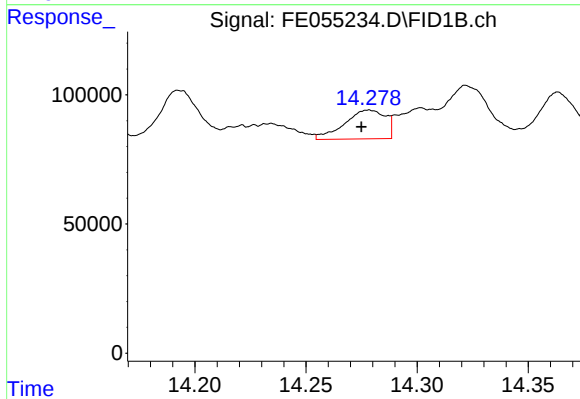
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.003 min
Response: 66819
Conc: 0.54 ug/ml



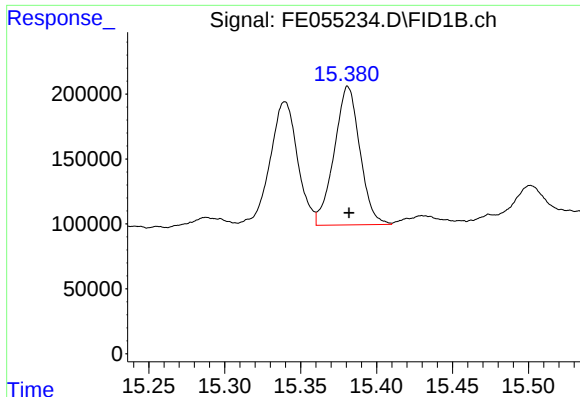
#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 4723962
Conc: 43.93 ug/ml



#13 n-Docosane (C22)

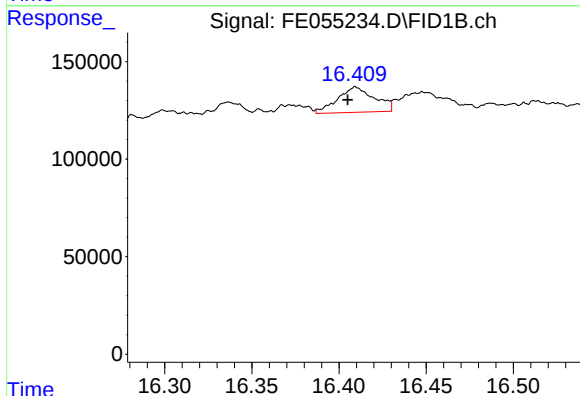
R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 143106
Conc: 1.17 ug/ml



#14 n-Tetracosane (C24)

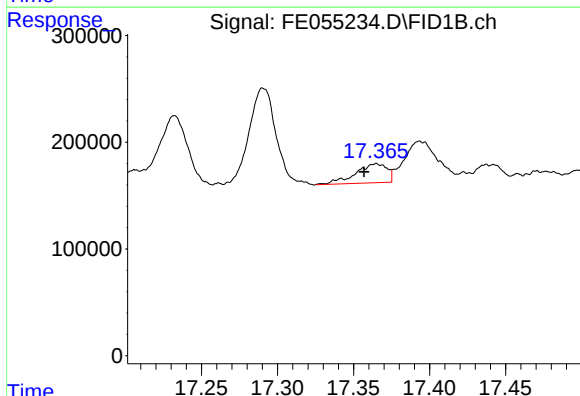
R.T.: 15.381 min
Delta R.T.: 0.000 min
Response: 1257108
Conc: 10.34 ug/ml

Instrument :
FID_E
ClientSampleId :



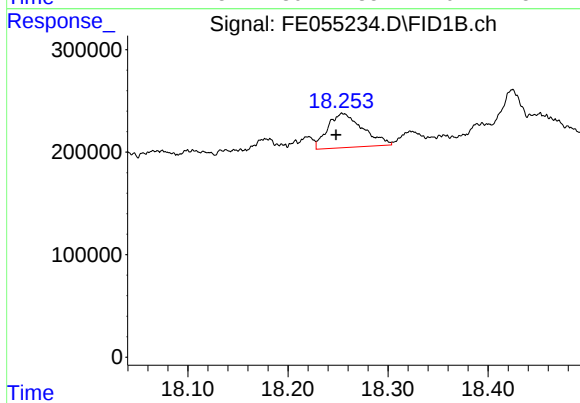
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 190513
Conc: 1.59 ug/ml



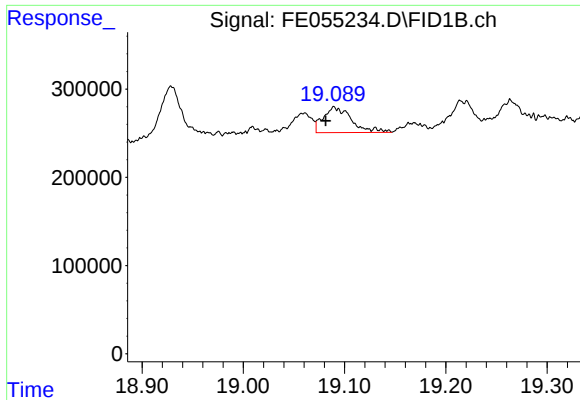
#16 n-Octacosane (C28)

R.T.: 17.365 min
Delta R.T.: 0.008 min
Response: 258985
Conc: 2.18 ug/ml



#17 n-Tricontane (C30)

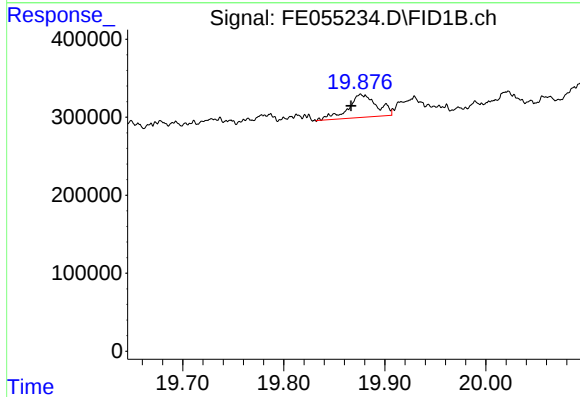
R.T.: 18.255 min
Delta R.T.: 0.007 min
Response: 812815
Conc: 6.61 ug/ml



#18 n-Dotriacontane (C32)

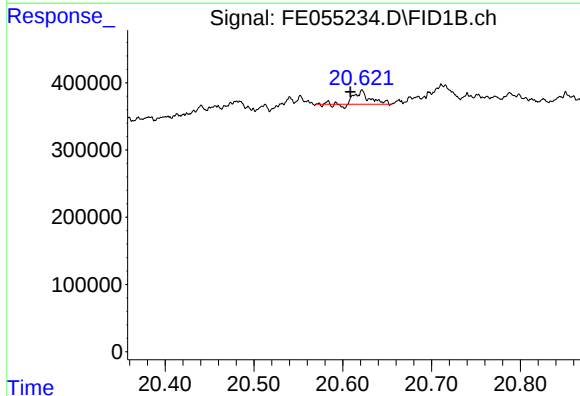
R.T.: 19.090 min
Delta R.T.: 0.009 min
Response: 564835
Conc: 4.63 ug/ml

Instrument :
FID_E
ClientSampleId :



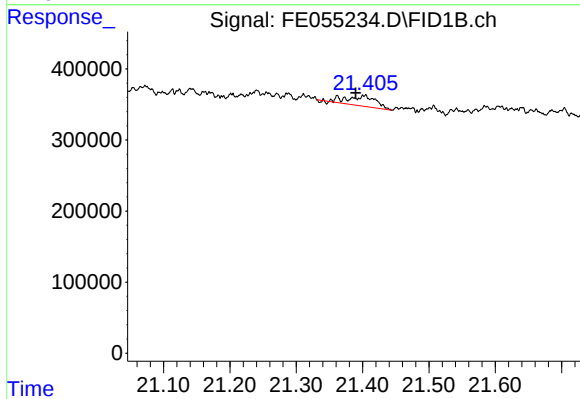
#19 n-Tetratriacontane (C34)

R.T.: 19.877 min
Delta R.T.: 0.010 min
Response: 573085
Conc: 4.90 ug/ml



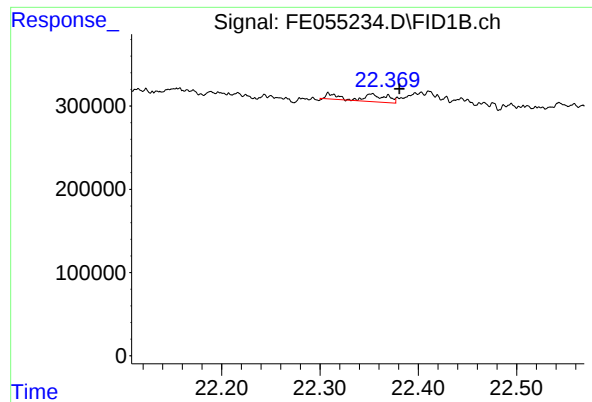
#20 n-Hexatriacontane (C36)

R.T.: 20.621 min
Delta R.T.: 0.013 min
Response: 229561
Conc: 2.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.362 min
Delta R.T.: -0.028 min
Response: 431876
Conc: 4.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.353 min
Delta R.T.: -0.028 min
Response: 176045
Conc: 1.68 ug/ml

Instrument :
FID_E
ClientSampleId :