

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
 Data File : FE041606.D
 Signal(s) : FID1B.ch
 Acq On : 28 Apr 2023 08:17
 Operator : YP\AJ
 Sample : 02505-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 28 08:43:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 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)	11.994	5891526	31.403 ug/ml
Spiked Amount 50.000		Recovery =	62.81%
12) S 1-chlorooctadecane (S...	13.415	478090	3.384 ug/ml
Spiked Amount 50.000		Recovery =	6.77%
Target Compounds			
1) T n-Nonane (C9)	3.355	40568	0.276 ug/ml
2) T n-Decane (C10)	4.616	67166	0.448 ug/ml
3) T A~Naphthalene (C11.7)	6.321	179231	1.083 ug/ml
4) T n-Dodecane (C12)	6.779	150924	0.993 ug/ml
5) T A~2-methylnaphthalene...	7.418	742522	4.605 ug/ml
6) T n-Tetradecane (C14)	8.593	119631	0.788 ug/ml
7) T n-Hexadecane (C16)	10.221	742477	4.653 ug/ml
8) T n-Octadecane (C18)	11.673	599467	3.657 ug/ml
10) T n-Eicosane (C20)	12.983	1387331	8.625 ug/ml
11) T n-Heneicosane (C21)	13.589	208013	1.305 ug/ml
13) T n-Docosane (C22)	14.167	763032	4.789 ug/ml
14) T n-Tetracosane (C24)	15.263	15512753	96.221 ug/ml
15) T n-Hexacosane (C26)	16.282	24090779	152.380 ug/ml
16) T n-Octacosane (C28)	17.240	45427764	295.230 ug/ml
17) T n-Tricontane (C30)	18.128	23590665	154.892 ug/ml
18) T n-Dotriacontane (C32)	18.965	2912644	19.551 ug/ml
19) T n-Tetratriacontane (C34)	19.732	749615	5.321 ug/ml
20) T n-Hexatriacontane (C36)	20.475	1042367	7.795 ug/ml
21) T n-Octatriacontane (C38)	21.236	114321	0.865 ug/ml
22) T n-Tetracontane (C40)	22.160	166864	1.318 ug/ml

(f)=RT Delta > 1/2 Window

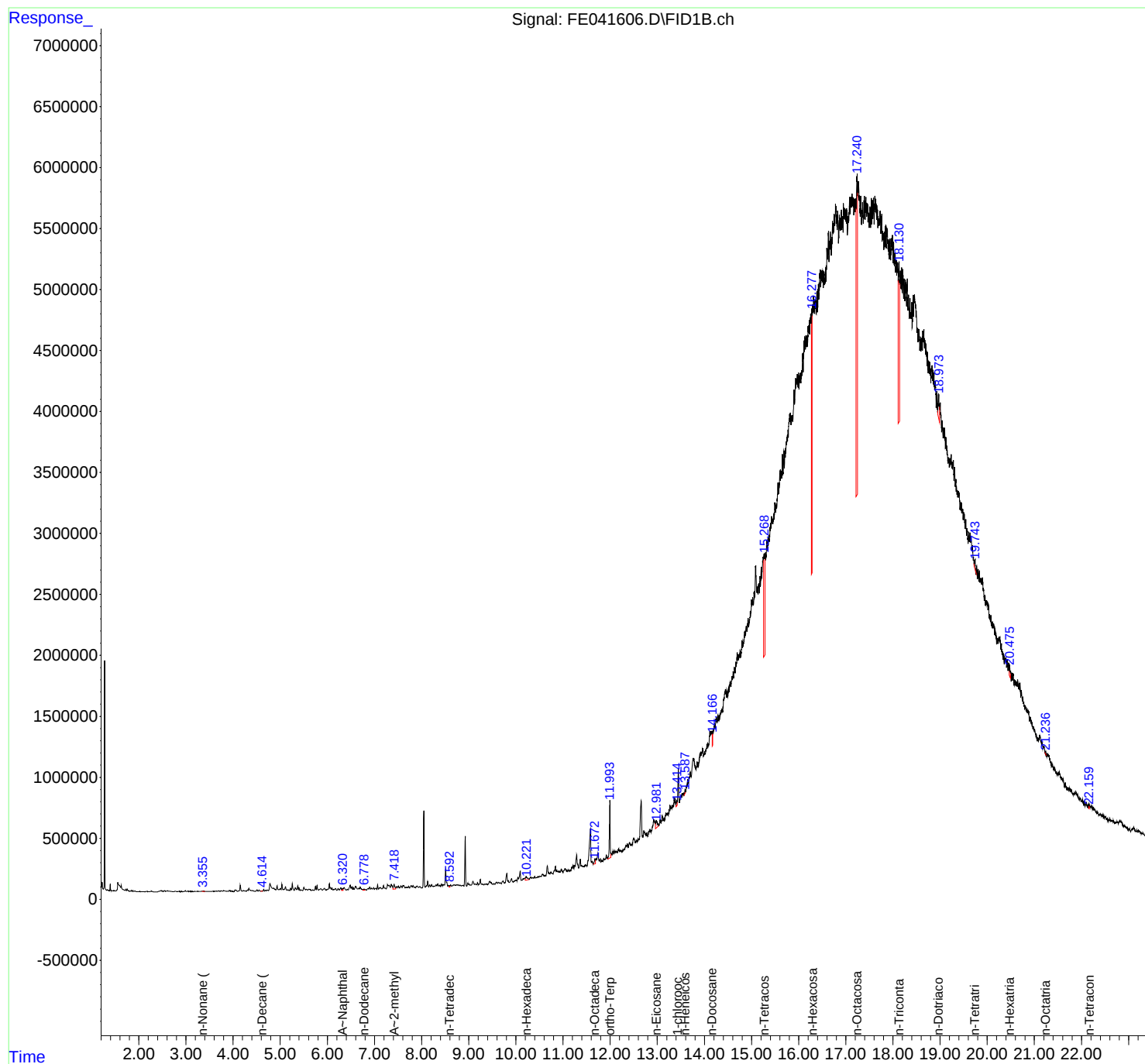
(m)=manual int.

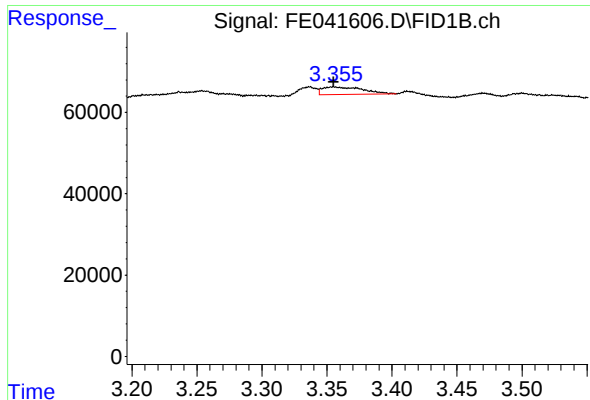
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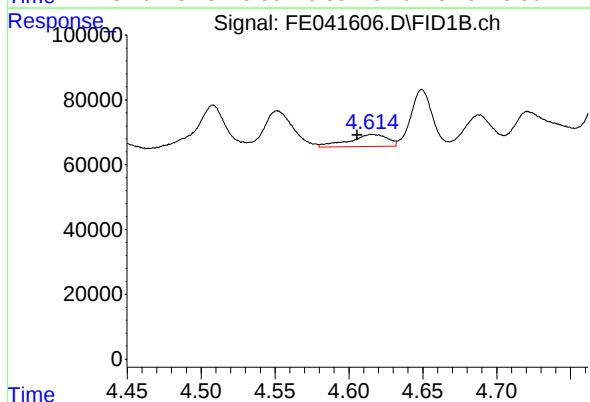




#1 n-Nonane (C9)

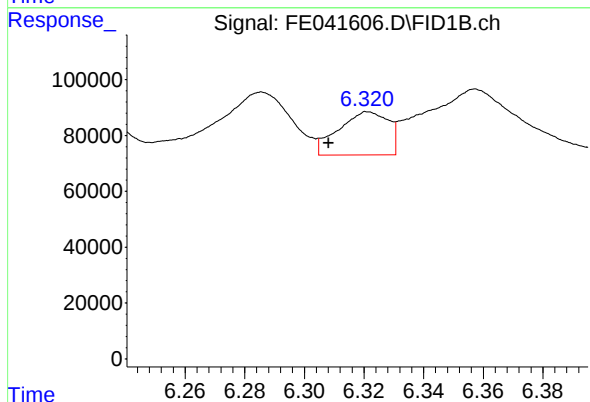
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 40568
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :



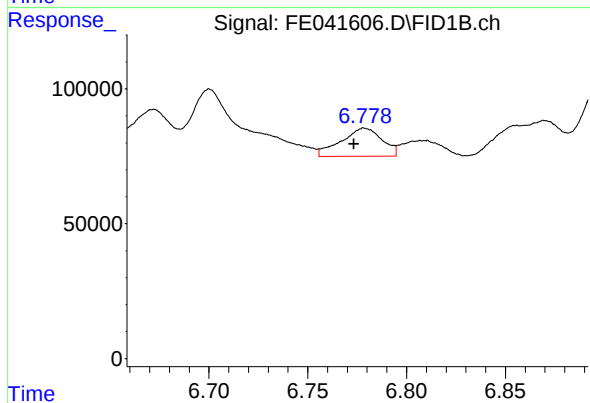
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.010 min
Response: 67166
Conc: 0.45 ug/ml



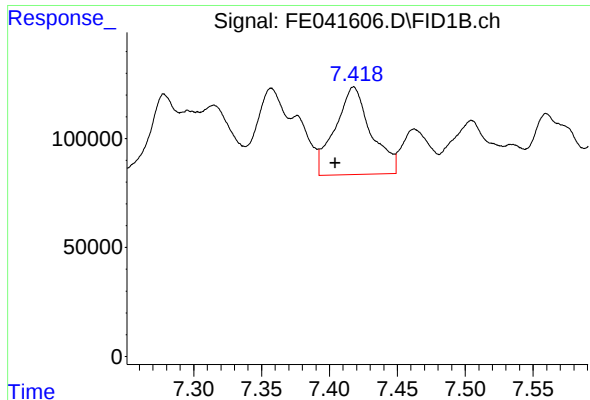
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: 0.013 min
Response: 179231
Conc: 1.08 ug/ml



#4 n-Dodecane (C12)

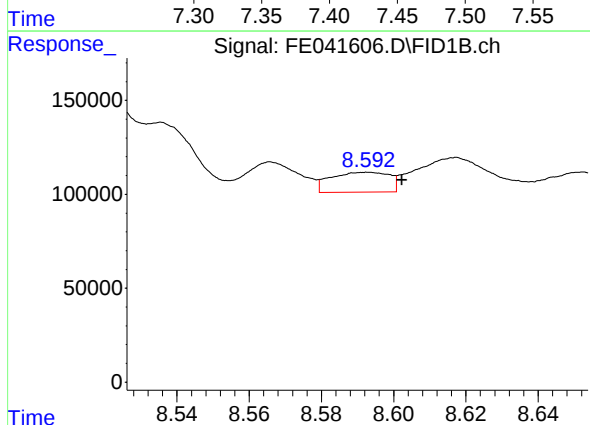
R.T.: 6.779 min
Delta R.T.: 0.005 min
Response: 150924
Conc: 0.99 ug/ml



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

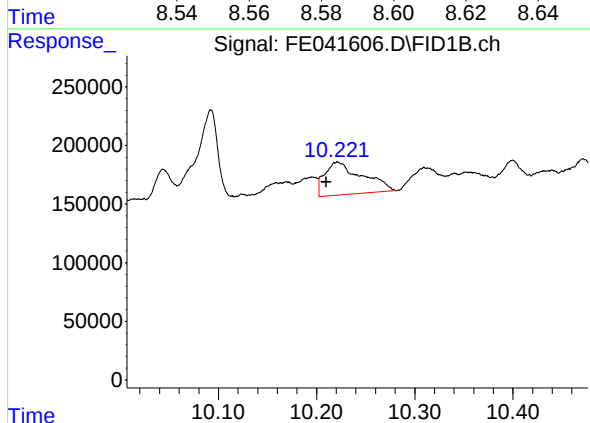
R.T.: 7.418 min
Delta R.T.: 0.013 min
Response: 742522
Conc: 4.60 ug/ml

Instrument :
FID_E
ClientSampleId :



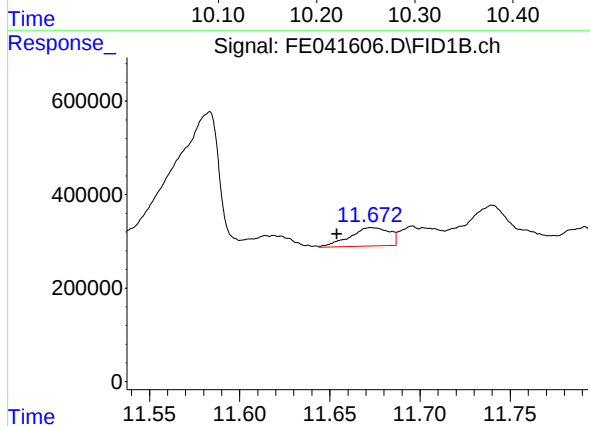
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.010 min
Response: 119631
Conc: 0.79 ug/ml



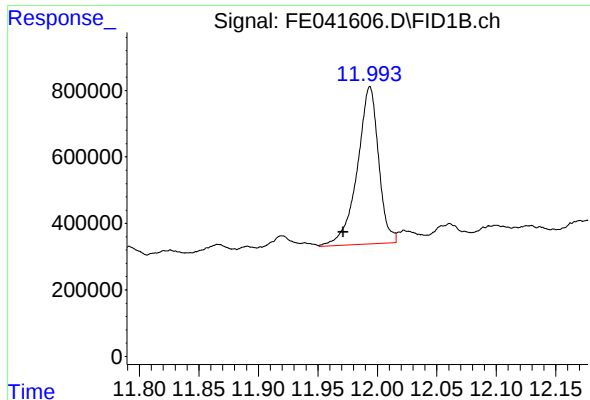
#7 n-Hexadecane (C16)

R.T.: 10.221 min
Delta R.T.: 0.011 min
Response: 742477
Conc: 4.65 ug/ml



#8 n-Octadecane (C18)

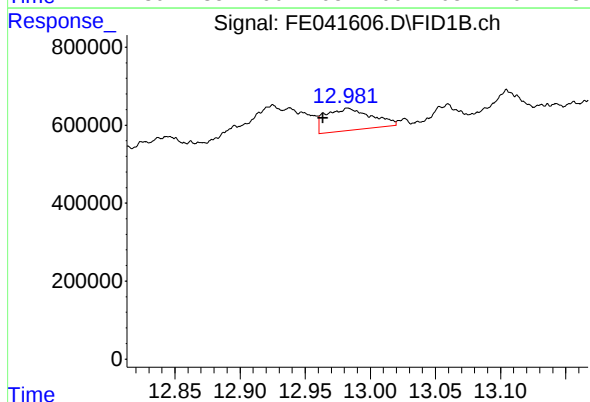
R.T.: 11.673 min
Delta R.T.: 0.019 min
Response: 599467
Conc: 3.66 ug/ml



#9 ortho-Terphenyl (SURR)

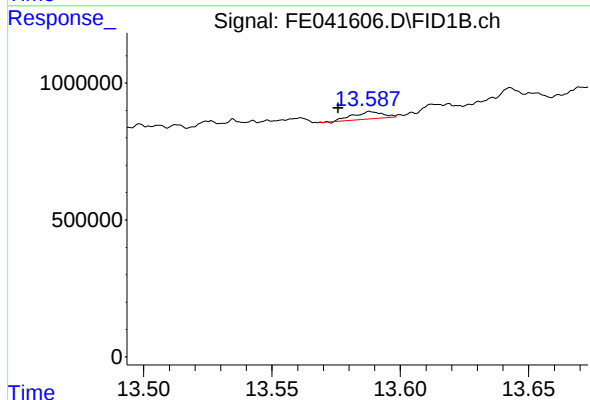
R.T.: 11.994 min
Delta R.T.: 0.022 min
Response: 5891526
Conc: 31.40 ug/ml

Instrument :
FID_E
ClientSampleId :



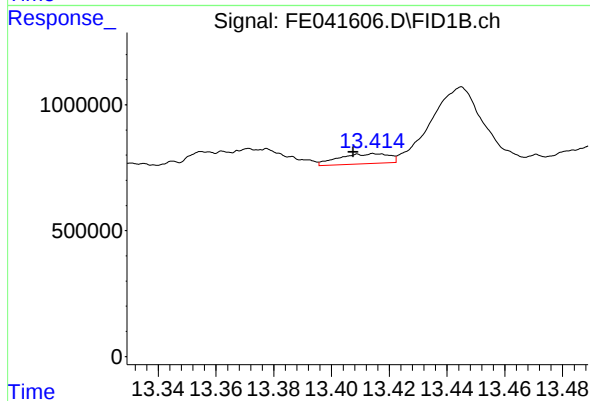
#10 n-Eicosane (C20)

R.T.: 12.983 min
Delta R.T.: 0.019 min
Response: 1387331
Conc: 8.63 ug/ml



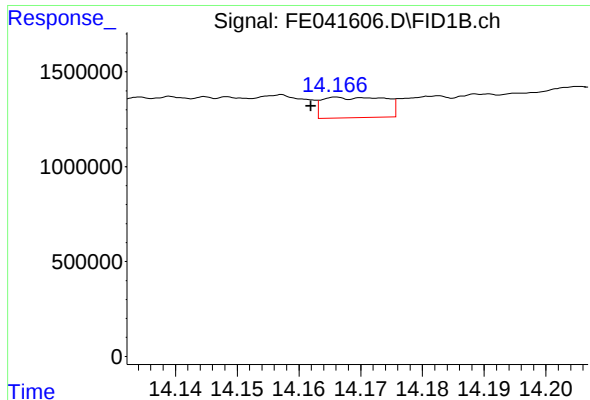
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.013 min
Response: 208013
Conc: 1.31 ug/ml



#12 1-chlorooctadecane (SURR)

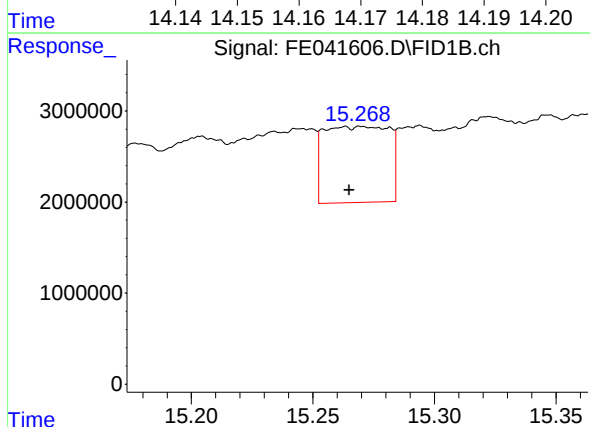
R.T.: 13.415 min
Delta R.T.: 0.008 min
Response: 478090
Conc: 3.38 ug/ml



#13 n-Docosane (C22)

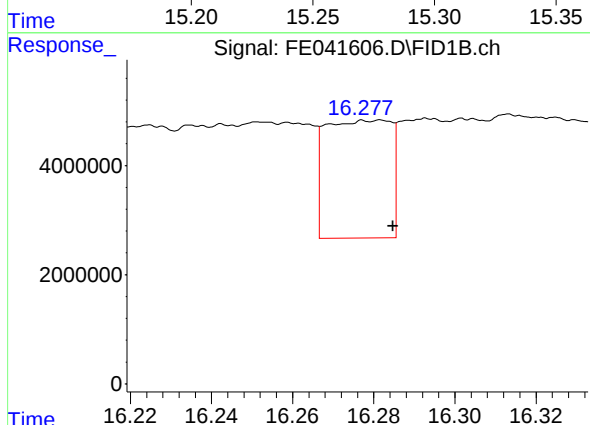
R.T.: 14.167 min
Delta R.T.: 0.005 min
Response: 763032
Conc: 4.79 ug/ml

Instrument :
FID_E
ClientSampleId :



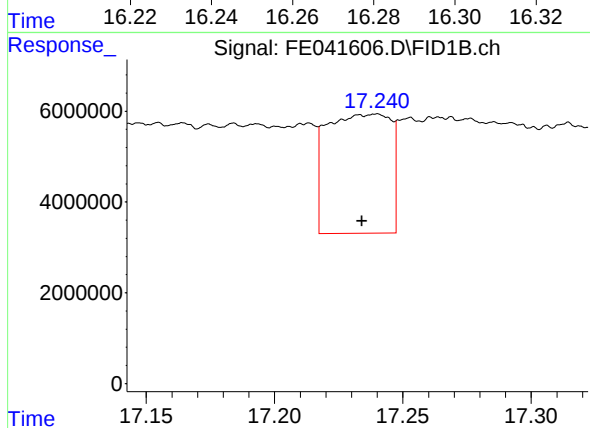
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.002 min
Response: 15512753
Conc: 96.22 ug/ml



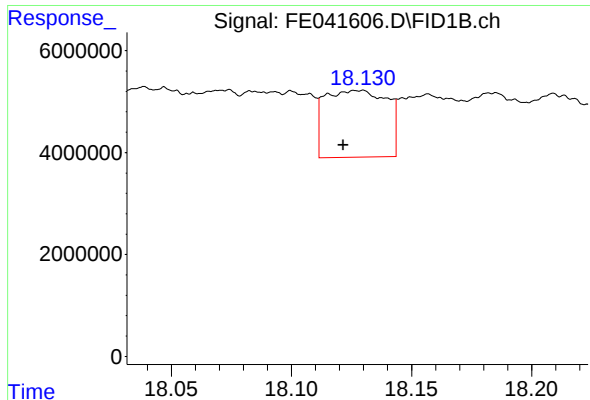
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: -0.003 min
Response: 24090779
Conc: 152.38 ug/ml



#16 n-Octacosane (C28)

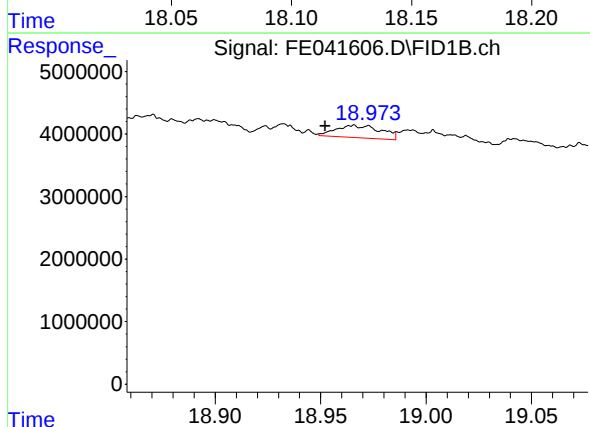
R.T.: 17.240 min
Delta R.T.: 0.006 min
Response: 45427764
Conc: 295.23 ug/ml



#17 n-Tricontane (C30)

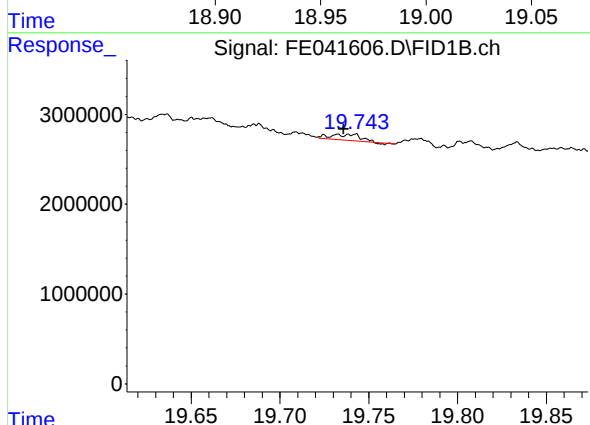
R.T.: 18.128 min
Delta R.T.: 0.007 min
Response: 23590665
Conc: 154.89 ug/ml

Instrument :
FID_E
ClientSampleId :



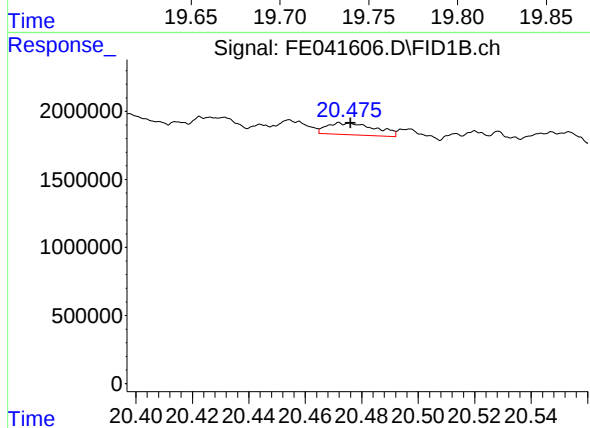
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: 0.013 min
Response: 2912644
Conc: 19.55 ug/ml



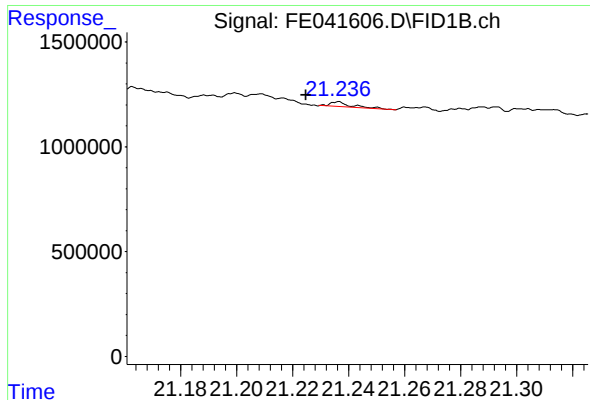
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.004 min
Response: 749615
Conc: 5.32 ug/ml



#20 n-Hexatriacontane (C36)

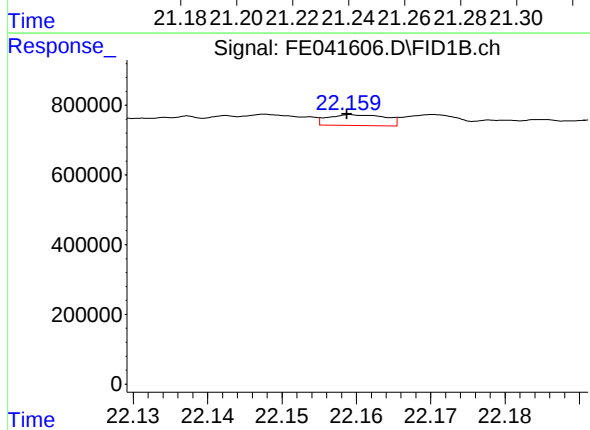
R.T.: 20.475 min
Delta R.T.: -0.001 min
Response: 1042367
Conc: 7.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: 0.012 min
Response: 114321
Conc: 0.87 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.160 min
Delta R.T.: 0.002 min
Response: 166864
Conc: 1.32 ug/ml