

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041323AL\
 Data File : FE041345.D
 Signal(s) : FID1B.ch
 Acq On : 13 Apr 2023 16:18
 Operator : YP\AJ
 Sample : 02305-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 14 01:04:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.883	1865377	9.925 ug/ml
Spiked Amount 50.000		Recovery =	19.85%
12) S 1-chlorooctadecane (S...	13.281	8880014	61.718 ug/ml
Spiked Amount 50.000		Recovery =	123.44%
Target Compounds			
4) T n-Dodecane (C12)	6.652	35193	0.203 ug/ml
5) T A~2-methylnaphthalene...	7.300	20305	0.123 ug/ml
6) T n-Tetradecane (C14)	8.510	133525	0.766 ug/ml
7) T n-Hexadecane (C16)	10.110	616348	3.465 ug/ml
8) T n-Octadecane (C18)	11.550	534283	2.992 ug/ml
10) T n-Eicosane (C20)	12.833	2246820	13.172 ug/ml
11) T n-Heneicosane (C21)	13.480	1141121	6.745 ug/ml
13) T n-Docosane (C22)	14.069	1112169	6.721 ug/ml
14) T n-Tetracosane (C24)	15.189	260592	1.611 ug/ml
15) T n-Hexacosane (C26)	16.197	463728	2.991 ug/ml
16) T n-Octacosane (C28)	17.123	396076	2.586 ug/ml
17) T n-Tricontane (C30)	18.000	1013517	6.631 ug/ml
18) T n-Dotriacontane (C32)	18.876	56757	0.364 ug/ml
19) T n-Tetratriacontane (C34)	19.651	567611	3.663 ug/ml
20) T n-Hexatriacontane (C36)	20.376	556688	3.665 ug/ml
21) T n-Octatriacontane (C38)	21.101	228161	1.461 ug/ml
22) T n-Tetracontane (C40)	21.994	25935	0.162 ug/ml

(f)=RT Delta > 1/2 Window

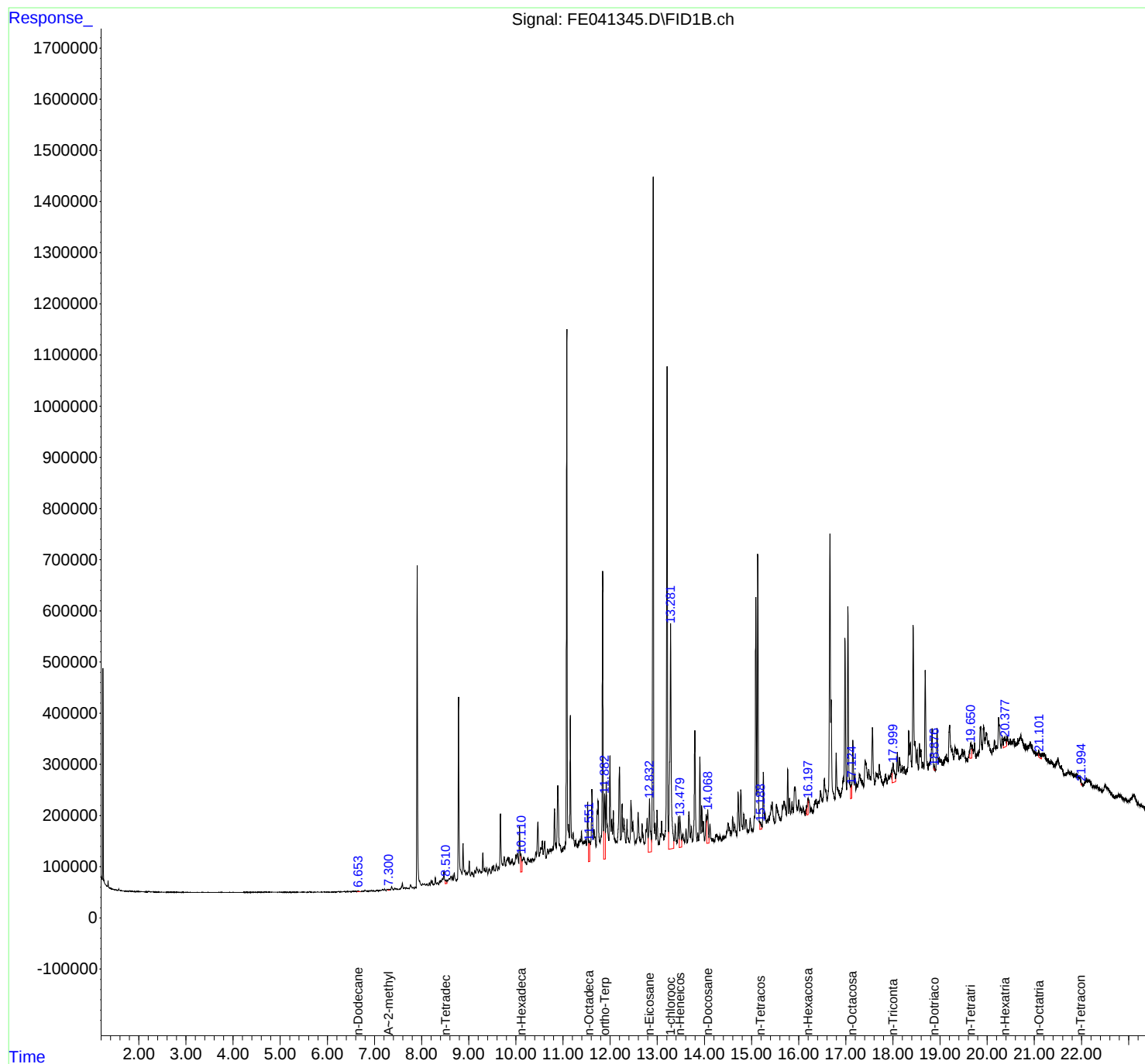
(m)=manual int.

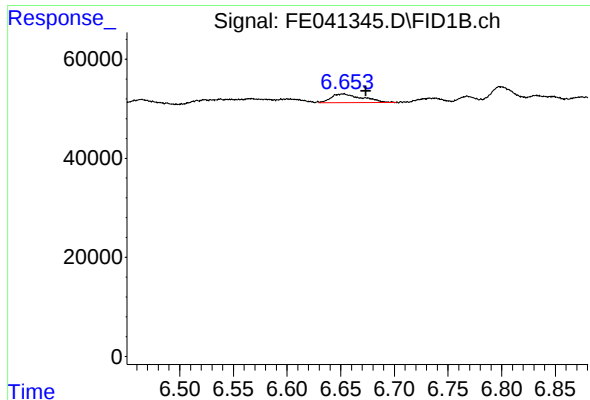
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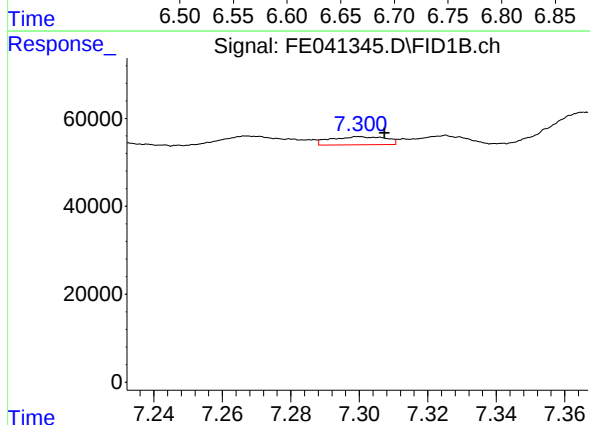
#4 n-Dodecane (C12)

R.T.: 6.652 min
Delta R.T.: -0.021 min
Response: 35193
Conc: 0.20 ug/ml

Instrument :

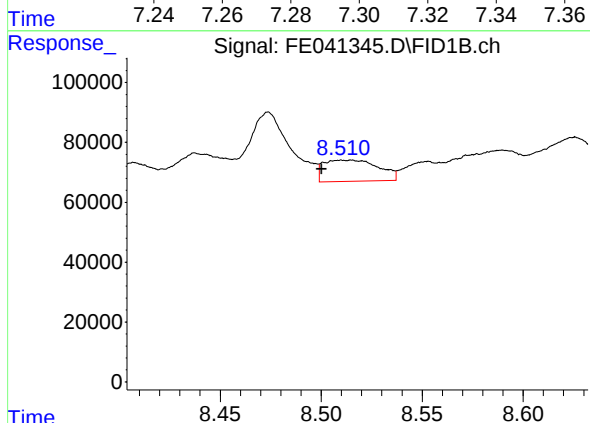
FID_E

ClientSampleId :



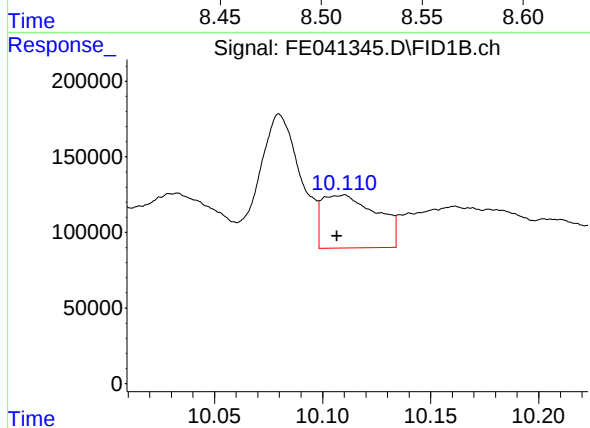
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.300 min
Delta R.T.: -0.007 min
Response: 20305
Conc: 0.12 ug/ml



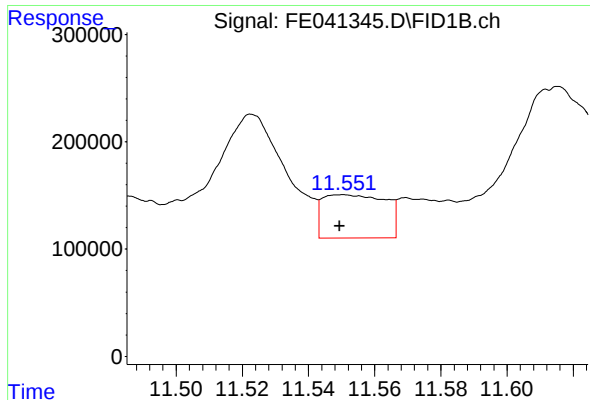
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: 0.010 min
Response: 133525
Conc: 0.77 ug/ml



#7 n-Hexadecane (C16)

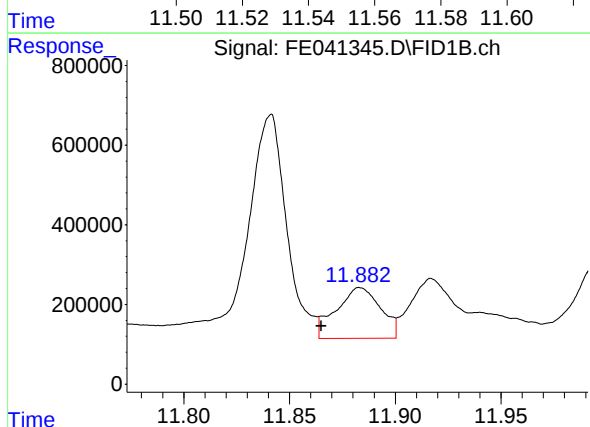
R.T.: 10.110 min
Delta R.T.: 0.003 min
Response: 616348
Conc: 3.47 ug/ml



#8 n-Octadecane (C18)

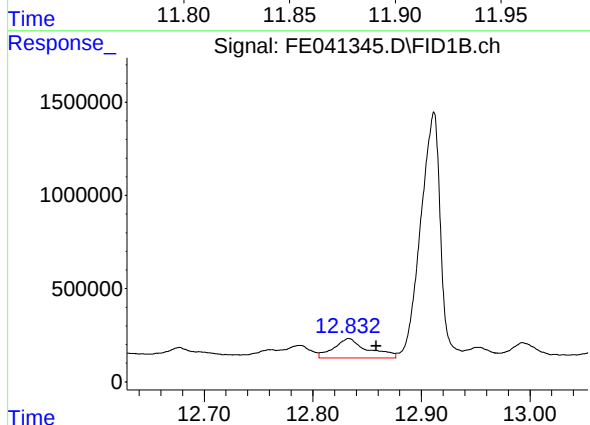
R.T.: 11.550 min
Delta R.T.: 0.000 min
Response: 534283
Conc: 2.99 ug/ml

Instrument :
FID_E
ClientSampleId :



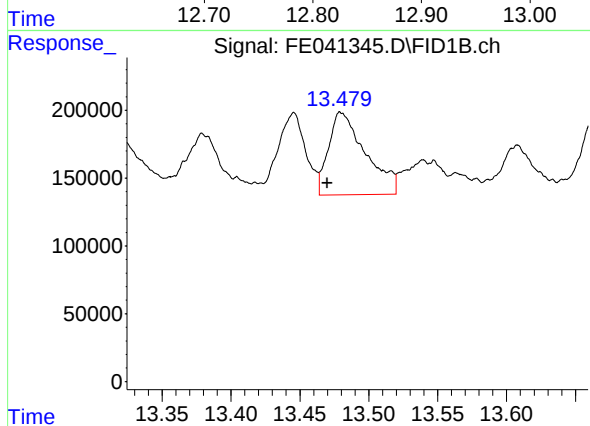
#9 ortho-Terphenyl (SURR)

R.T.: 11.883 min
Delta R.T.: 0.018 min
Response: 1865377
Conc: 9.93 ug/ml



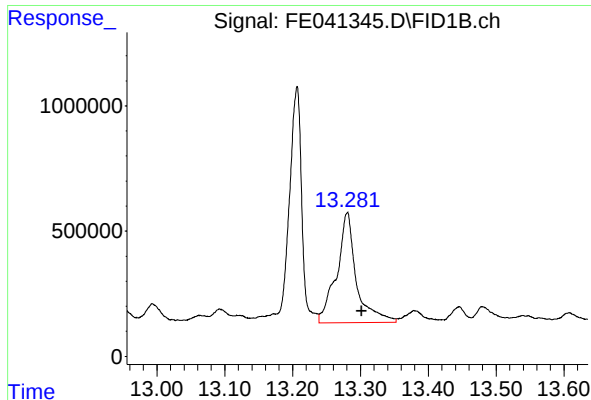
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.025 min
Response: 2246820
Conc: 13.17 ug/ml



#11 n-Heneicosane (C21)

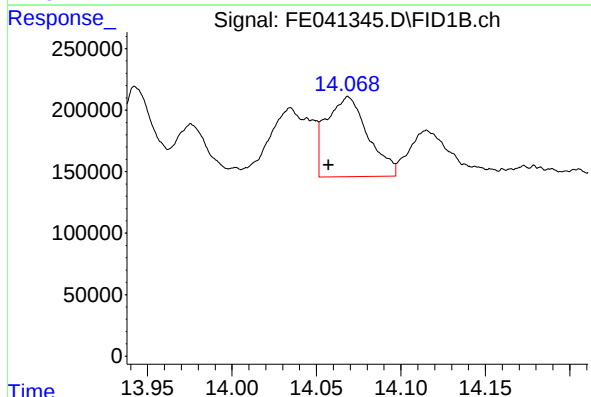
R.T.: 13.480 min
Delta R.T.: 0.010 min
Response: 1141121
Conc: 6.74 ug/ml



#12 1-chlorooctadecane (SURR)

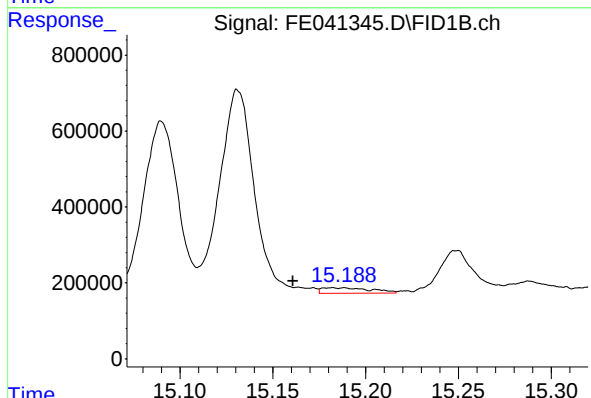
R.T.: 13.281 min
Delta R.T.: -0.021 min
Response: 8880014
Conc: 61.72 ug/ml

Instrument :
FID_E
ClientSampleId :



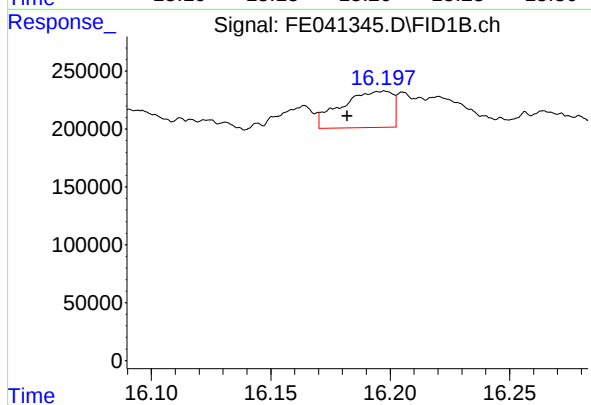
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: 0.012 min
Response: 1112169
Conc: 6.72 ug/ml



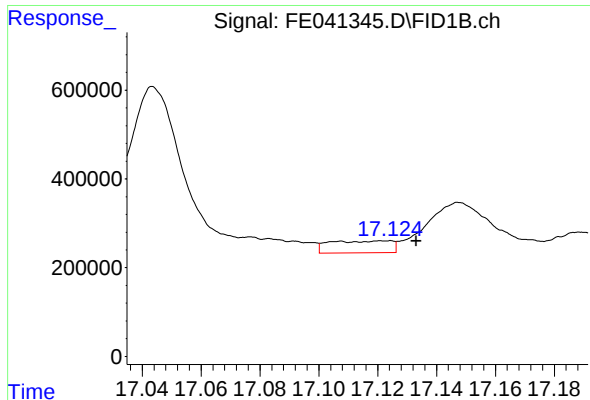
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: 0.028 min
Response: 260592
Conc: 1.61 ug/ml



#15 n-Hexacosane (C26)

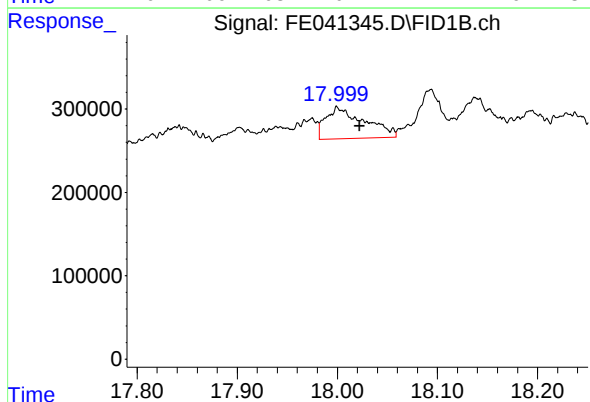
R.T.: 16.197 min
Delta R.T.: 0.015 min
Response: 463728
Conc: 2.99 ug/ml



#16 n-Octacosane (C28)

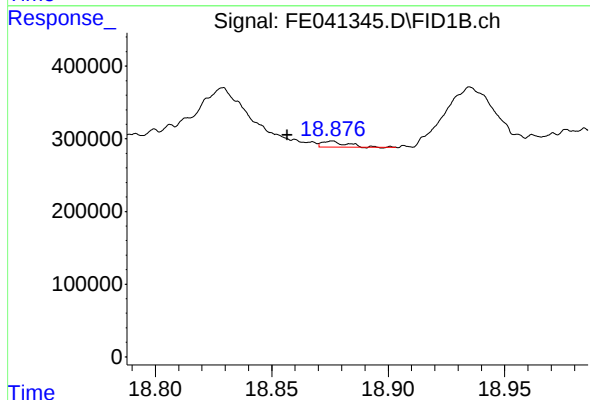
R.T.: 17.123 min
Delta R.T.: -0.011 min
Response: 396076
Conc: 2.59 ug/ml

Instrument :
FID_E
ClientSampleId :



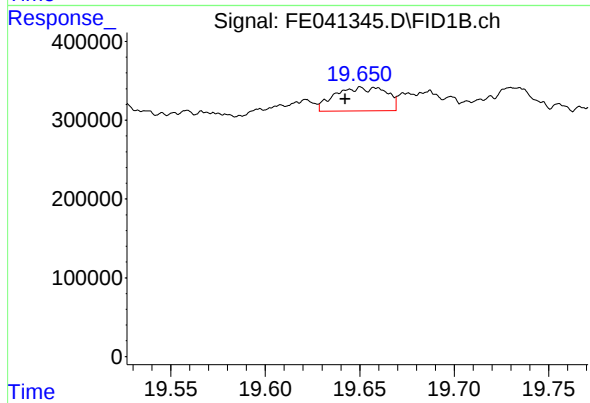
#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.022 min
Response: 1013517
Conc: 6.63 ug/ml



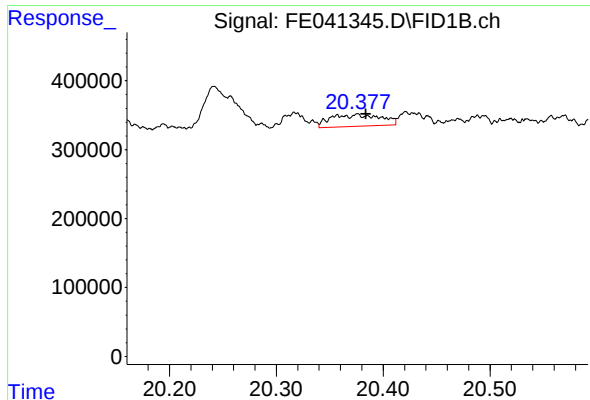
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: 0.019 min
Response: 56757
Conc: 0.36 ug/ml



#19 n-Tetratriacontane (C34)

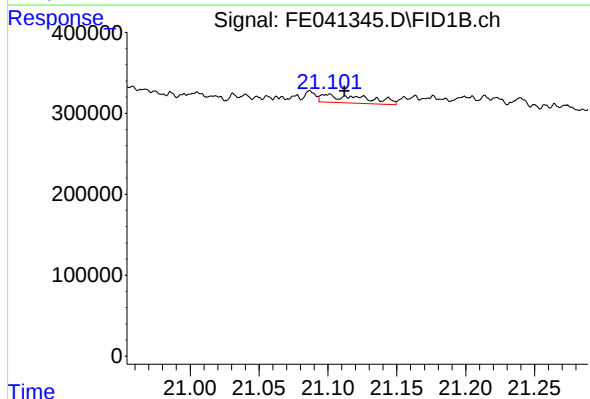
R.T.: 19.651 min
Delta R.T.: 0.008 min
Response: 567611
Conc: 3.66 ug/ml



#20 n-Hexatriacontane (C36)

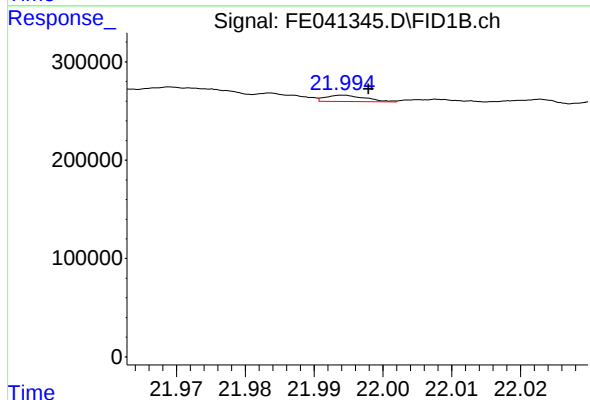
R.T.: 20.376 min
Delta R.T.: -0.008 min
Response: 556688
Conc: 3.66 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.011 min
Response: 228161
Conc: 1.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.004 min
Response: 25935
Conc: 0.16 ug/ml