

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101724AL\
 Data File : FE050720.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2024 17:25
 Operator : YP\AJ
 Sample : P4421-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 18 03:48:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.860	4183085	26.533 ug/ml
Spiked Amount 50.000		Recovery =	53.07%
12) S 1-chlorooctadecane (S...	13.288	10499027	88.754 ug/ml
Spiked Amount 50.000		Recovery =	177.51%
Target Compounds			
1) T n-Nonane (C9)	3.247	114019	0.807 ug/ml
2) T n-Decane (C10)	4.497	386788	2.696 ug/ml
4) T n-Dodecane (C12)	6.665	316535	2.199 ug/ml
6) T n-Tetradecane (C14)	8.492	774824	5.416 ug/ml
7) T n-Hexadecane (C16)	10.097	841287	5.716 ug/ml
8) T n-Octadecane (C18)	11.538	818627	5.481 ug/ml
10) T n-Eicosane (C20)	12.846	548507	3.825 ug/ml
11) T n-Heneicosane (C21)	13.458	407958	2.905 ug/ml
13) T n-Docosane (C22)	14.043	373575	2.663 ug/ml
14) T n-Tetracosane (C24)	15.145	354029	2.506 ug/ml
15) T n-Hexacosane (C26)	16.166	346566	2.463 ug/ml
17) T n-Tricontane (C30)	18.002	809937	5.094 ug/ml
18) T n-Dotriacontane (C32)	18.836	555267	3.425 ug/ml
19) T n-Tetratriacontane (C34)	19.621	1015982	6.917 ug/ml
20) T n-Hexatriacontane (C36)	20.365	602516	4.751 ug/ml
21) T n-Octatriacontane (C38)	21.088	861489	6.967 ug/ml
22) T n-Tetracontane (C40)	21.983	269217	2.418 ug/ml

(f)=RT Delta > 1/2 Window

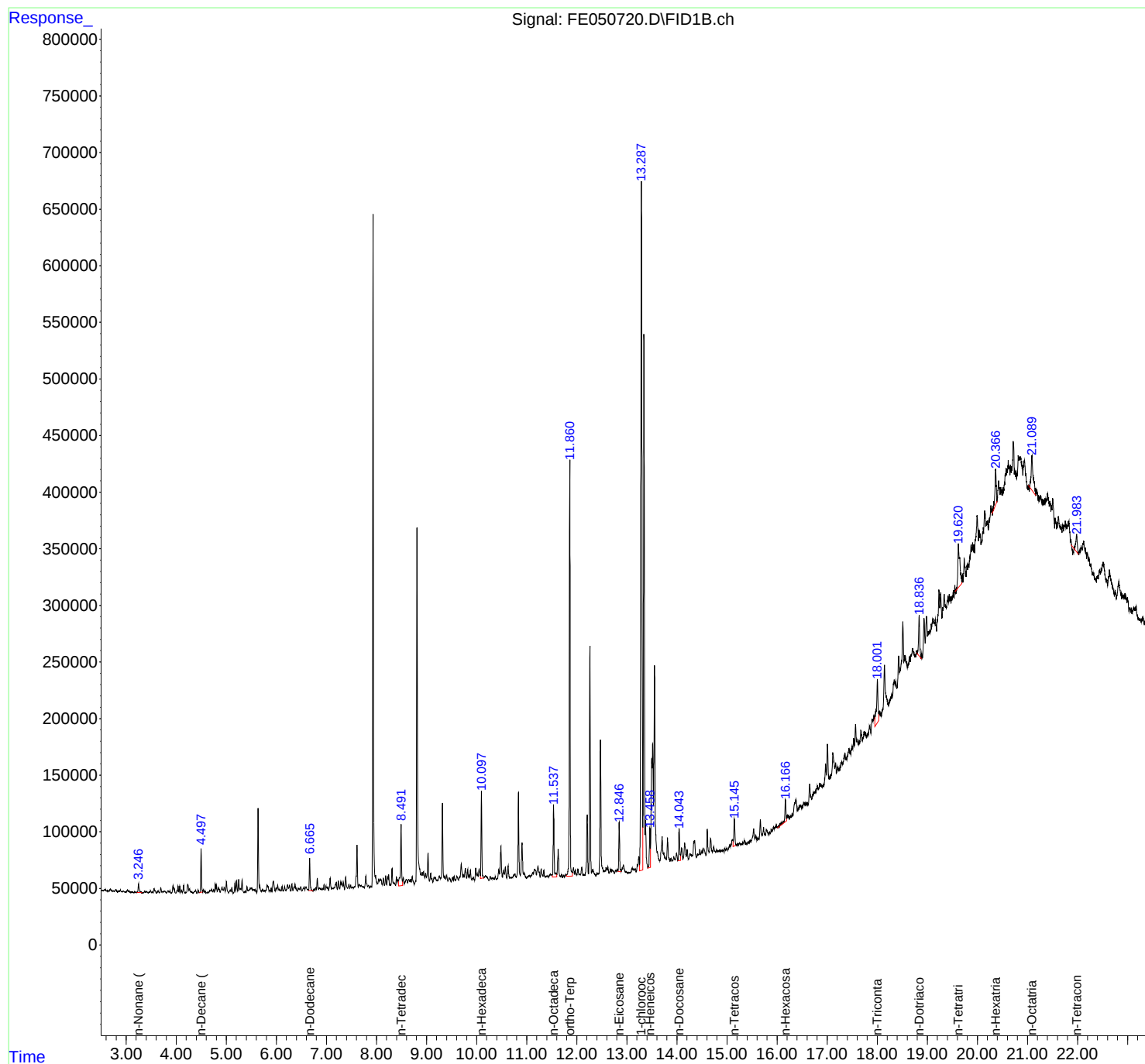
(m)=manual int.

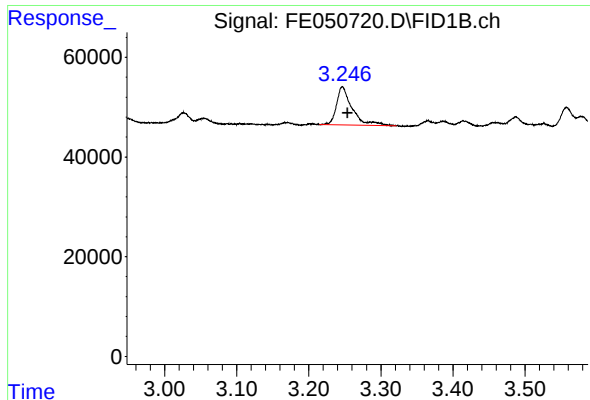
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101724AL\
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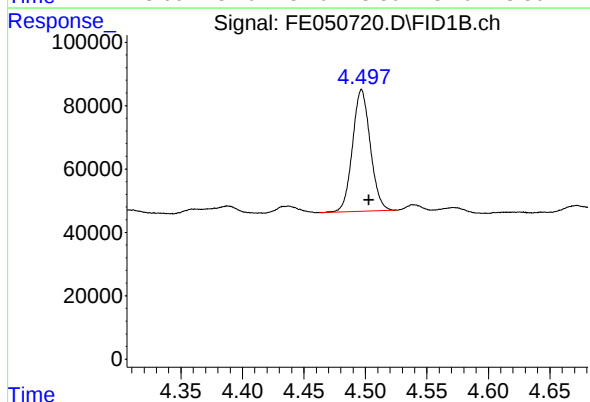




#1 n-Nonane (C9)

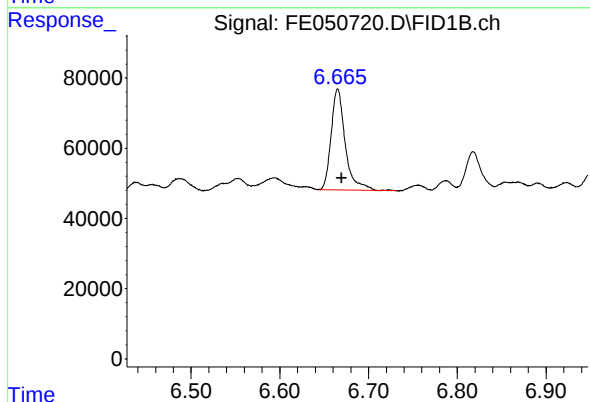
R.T.: 3.247 min
Delta R.T.: -0.007 min
Response: 114019
Conc: 0.81 ug/ml

Instrument :
FID_E
ClientSampleId :



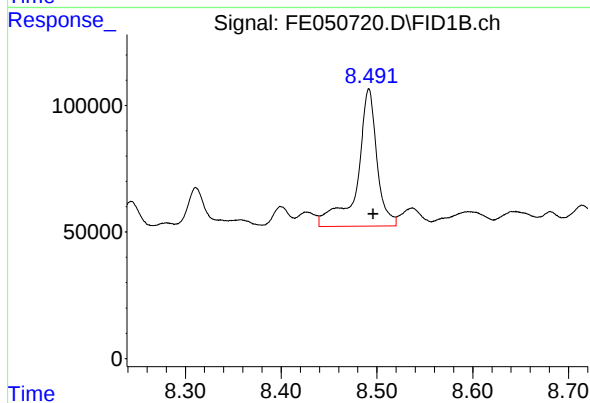
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.006 min
Response: 386788
Conc: 2.70 ug/ml



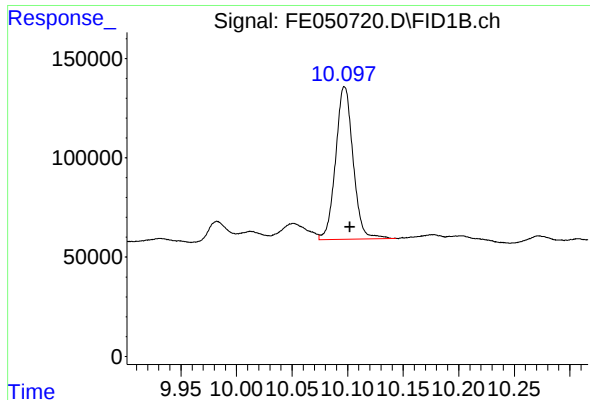
#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.004 min
Response: 316535
Conc: 2.20 ug/ml



#6 n-Tetradecane (C14)

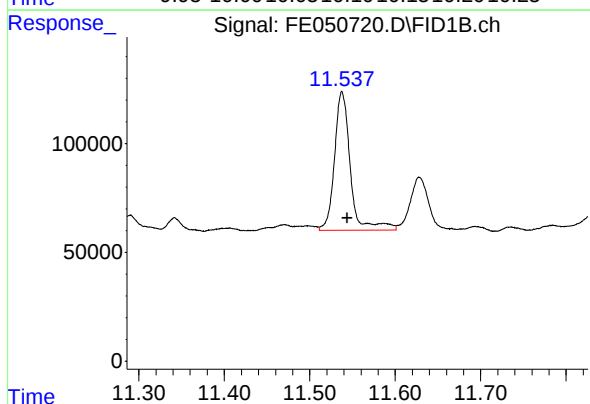
R.T.: 8.492 min
Delta R.T.: -0.005 min
Response: 774824
Conc: 5.42 ug/ml



#7 n-Hexadecane (C16)

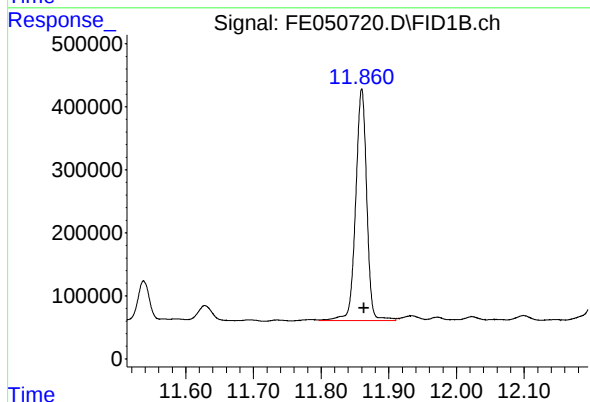
R.T.: 10.097 min
Delta R.T.: -0.005 min
Response: 841287
Conc: 5.72 ug/ml

Instrument : FID_E
ClientSampleId :



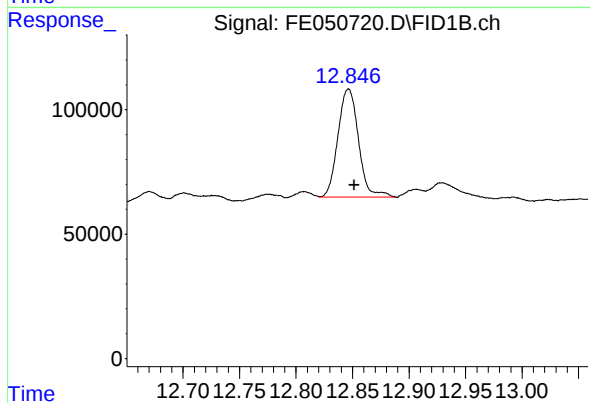
#8 n-Octadecane (C18)

R.T.: 11.538 min
Delta R.T.: -0.006 min
Response: 818627
Conc: 5.48 ug/ml



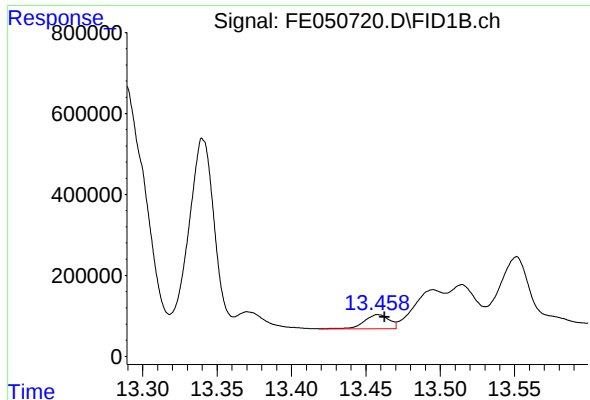
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: -0.003 min
Response: 4183085
Conc: 26.53 ug/ml



#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.005 min
Response: 548507
Conc: 3.82 ug/ml



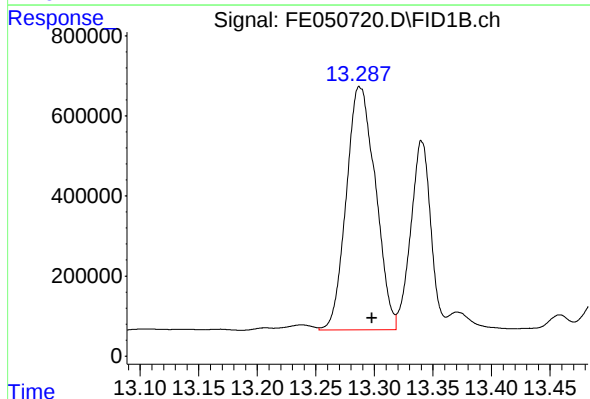
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.004 min
Response: 407958
Conc: 2.90 ug/ml

Instrument :

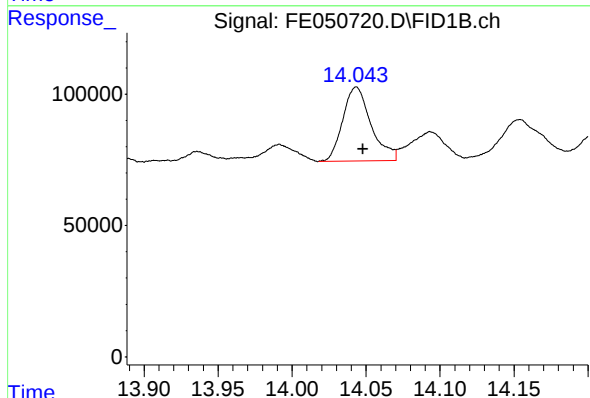
FID_E

ClientSampleId :



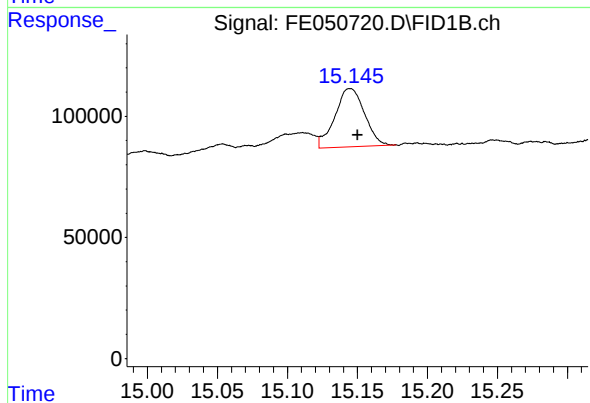
#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: -0.010 min
Response: 10499027
Conc: 88.75 ug/ml



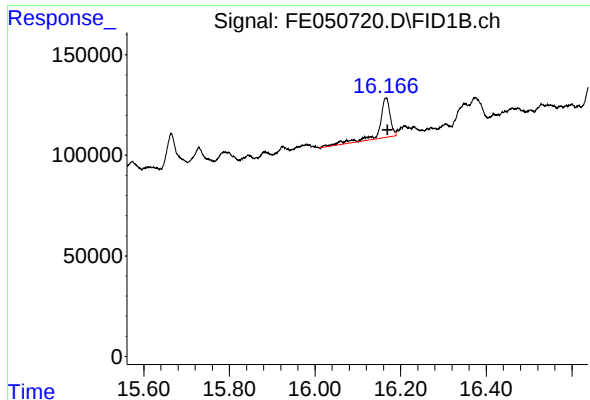
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.005 min
Response: 373575
Conc: 2.66 ug/ml



#14 n-Tetracosane (C24)

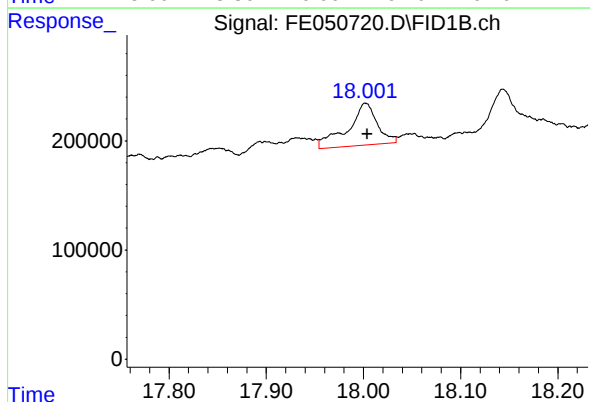
R.T.: 15.145 min
Delta R.T.: -0.005 min
Response: 354029
Conc: 2.51 ug/ml



#15 n-Hexacosane (C26)

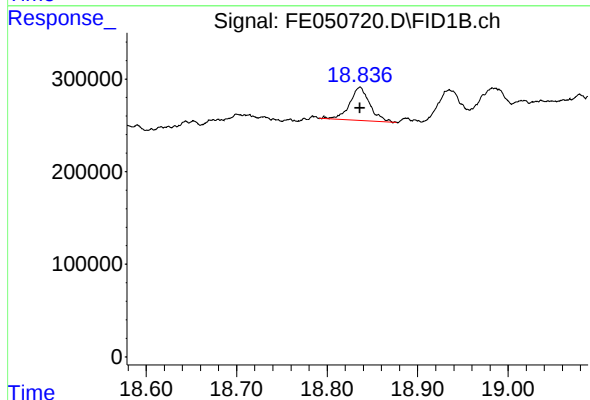
R.T.: 16.166 min
Delta R.T.: -0.004 min
Response: 346566
Conc: 2.46 ug/ml

Instrument :
FID_E
ClientSampleId :



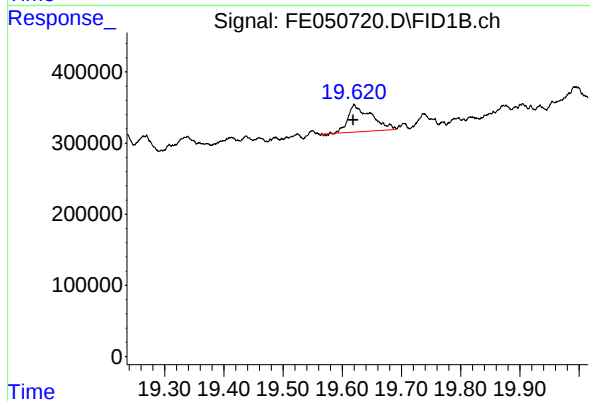
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.002 min
Response: 809937
Conc: 5.09 ug/ml



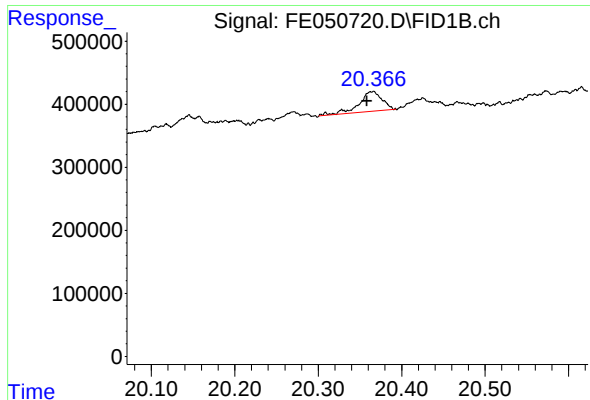
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.000 min
Response: 555267
Conc: 3.43 ug/ml



#19 n-Tetratriacontane (C34)

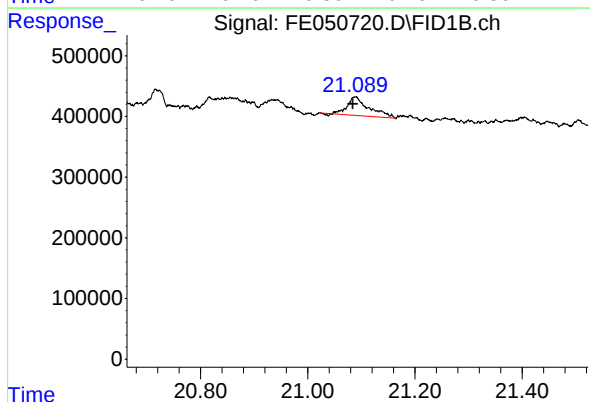
R.T.: 19.621 min
Delta R.T.: 0.002 min
Response: 1015982
Conc: 6.92 ug/ml



#20 n-Hexatriacontane (C36)

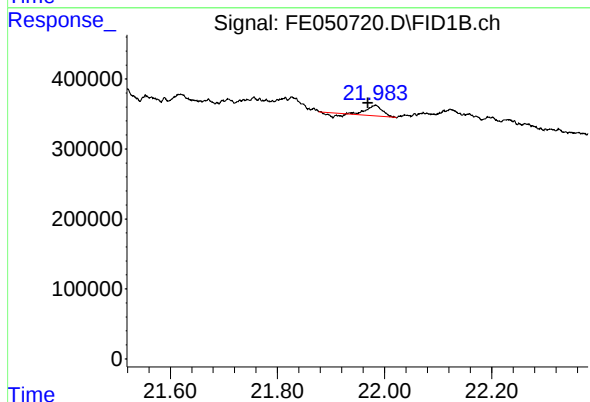
R.T.: 20.365 min
Delta R.T.: 0.006 min
Response: 602516
Conc: 4.75 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: 0.004 min
Response: 861489
Conc: 6.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.014 min
Response: 269217
Conc: 2.42 ug/ml