

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032025AL\
 Data File : FF015701.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2025 14:58
 Operator : YP\AJ
 Sample : Q1574-01MS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 21 00:16:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:31:19 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)	11.889	174343	1.144 ug/ml
Spiked Amount	50.000	Recovery =	2.29%
12) S 1-chlorooctadecane (S...	13.381	8961598	78.962 ug/ml
Spiked Amount	50.000	Recovery =	157.92%
Target Compounds			
1) T n-Nonane (C9)	3.311	2298235	18.145 ug/ml
2) T n-Decane (C10)	4.567	3086917	24.038 ug/ml
3) T A~Naphthalene (C11.7)	6.287	306509	2.362 ug/ml
4) T n-Dodecane (C12)	6.734	4203757	32.257 ug/ml
5) T A~2-methylnaphthalene...	7.384	291225	2.458 ug/ml
6) T n-Tetradecane (C14)	8.562	4668957	36.052 ug/ml
7) T n-Hexadecane (C16)	10.170	4797433	35.876 ug/ml
8) T n-Octadecane (C18)	11.614	5085264	36.929 ug/ml
10) T n-Eicosane (C20)	12.931	5315123	39.437 ug/ml
11) T n-Heneicosane (C21)	13.549	6839323	51.175 ug/ml
13) T n-Docosane (C22)	14.142	10533005	78.712 ug/ml
14) T n-Tetracosane (C24)	15.255	22644716	169.150 ug/ml
15) T n-Hexacosane (C26)	16.285	17262525	131.988 ug/ml
16) T n-Octacosane (C28)	17.248	27255701	208.644 ug/ml
17) T n-Tricontane (C30)	18.048	2153084	15.966 ug/ml
18) T n-Dotriacontane (C32)	18.954	4431217	33.981 ug/ml
19) T n-Tetratriacontane (C34)	19.737	8729127	74.779 ug/ml
20) T n-Hexatriacontane (C36)	20.471	4046526	40.763 ug/ml
21) T n-Octatriacontane (C38)	21.208	4160812	47.622 ug/ml
22) T n-Tetracontane (C40)	22.125	4506427	56.152 ug/ml

(f)=RT Delta > 1/2 Window

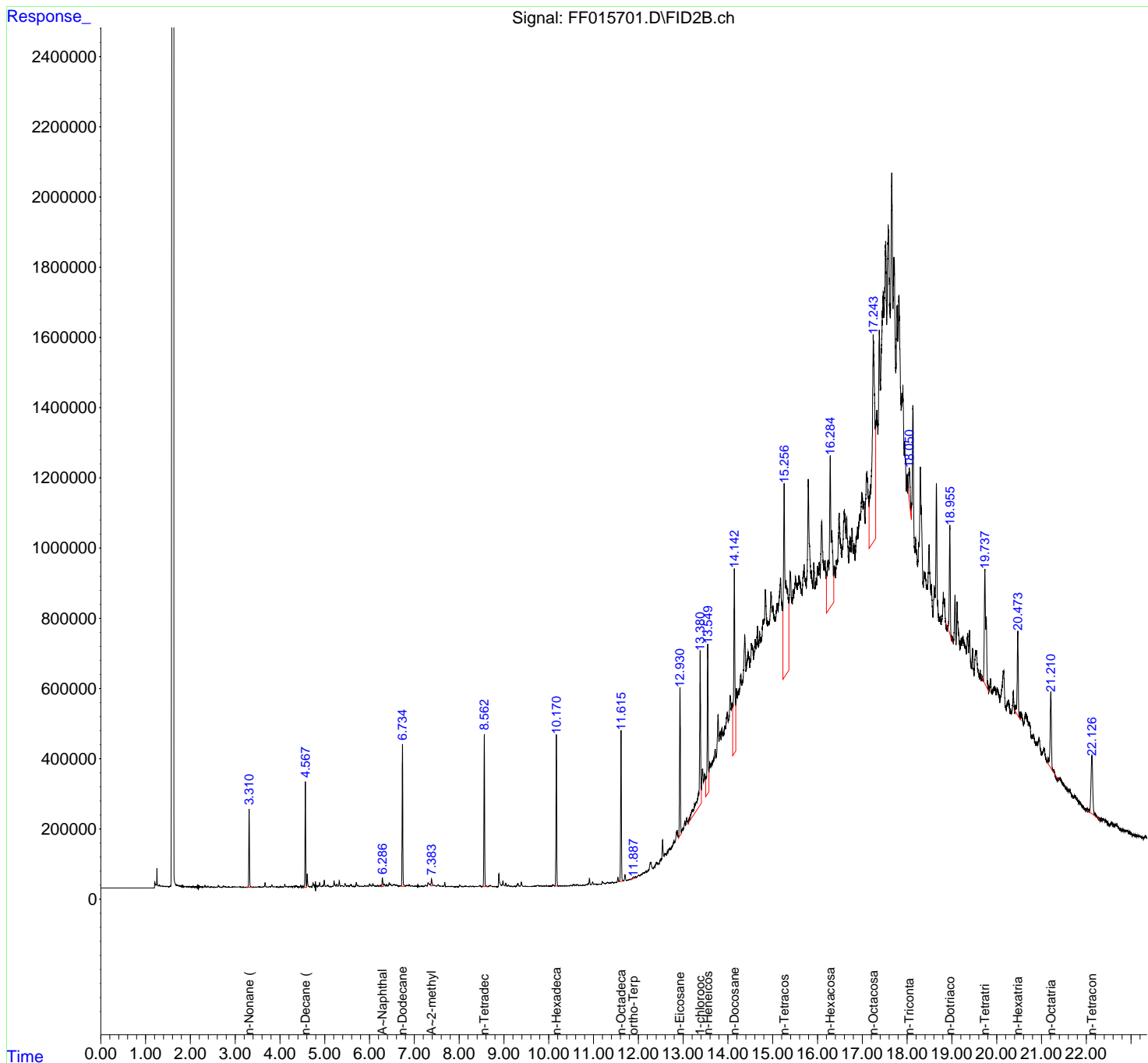
(m)=manual int.

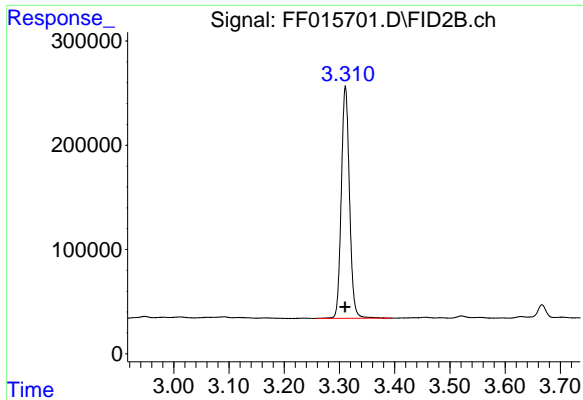
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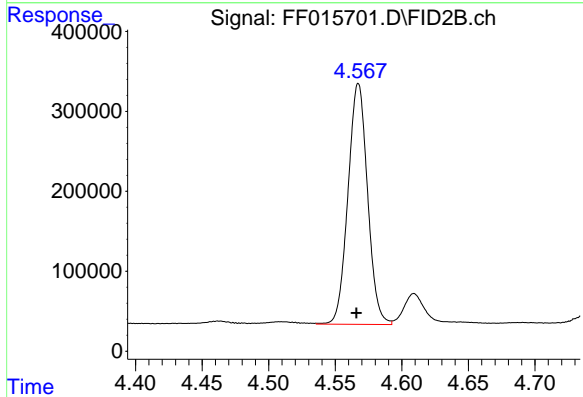




#1 n-Nonane (C9)

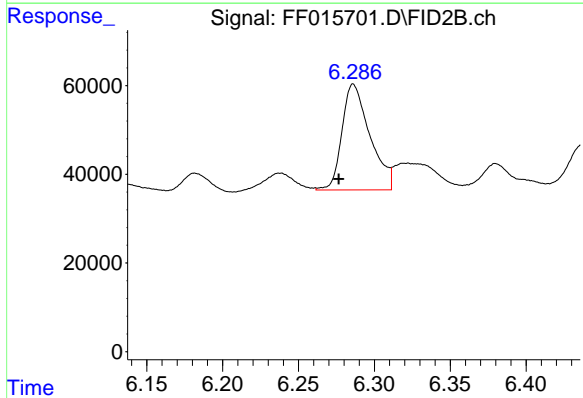
R.T.: 3.311 min
 Delta R.T.: 0.000 min
 Response: 2298235
 Conc: 18.14 ug/ml

Instrument :
 FID_F
 ClientSampleId :



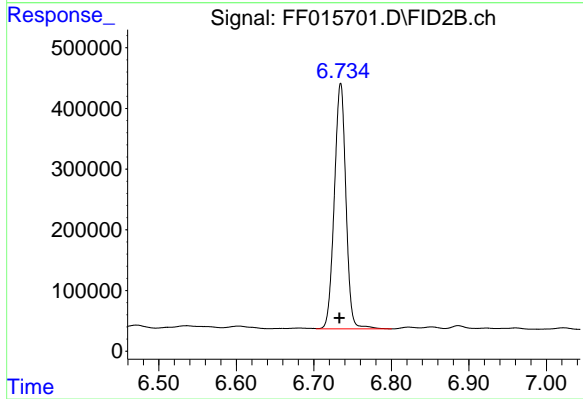
#2 n-Decane (C10)

R.T.: 4.567 min
 Delta R.T.: 0.001 min
 Response: 3086917
 Conc: 24.04 ug/ml



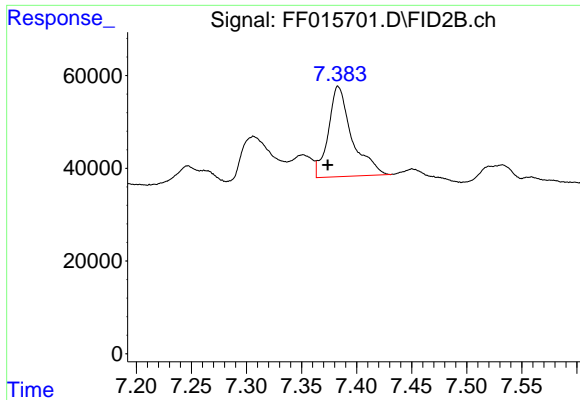
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
 Delta R.T.: 0.010 min
 Response: 306509
 Conc: 2.36 ug/ml



#4 n-Dodecane (C12)

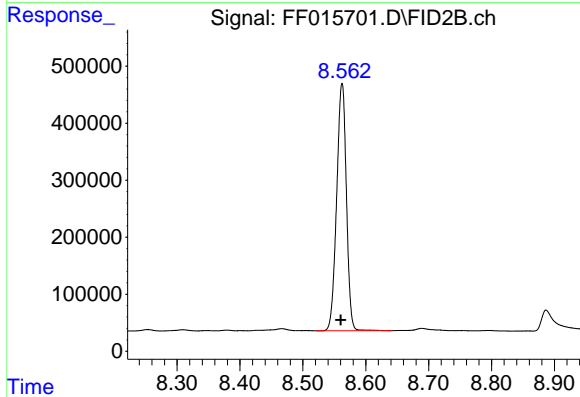
R.T.: 6.734 min
 Delta R.T.: 0.002 min
 Response: 4203757
 Conc: 32.26 ug/ml



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

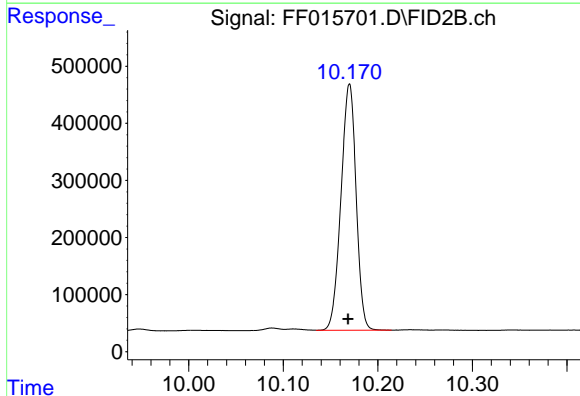
R.T.: 7.384 min
 Delta R.T.: 0.010 min
 Response: 291225
 Conc: 2.46 ug/ml

Instrument :
 FID_F
 ClientSampleId :



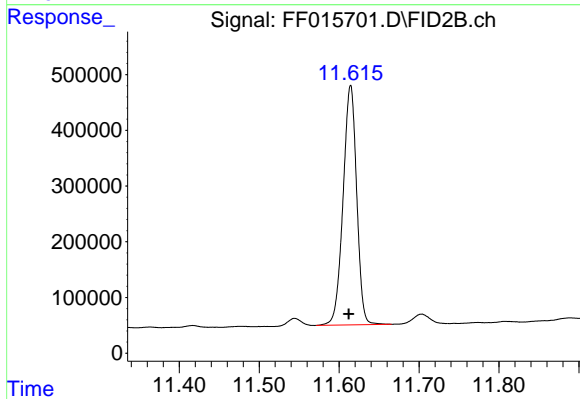
#6 n-Tetradecane (C14)

R.T.: 8.562 min
 Delta R.T.: 0.002 min
 Response: 4668957
 Conc: 36.05 ug/ml



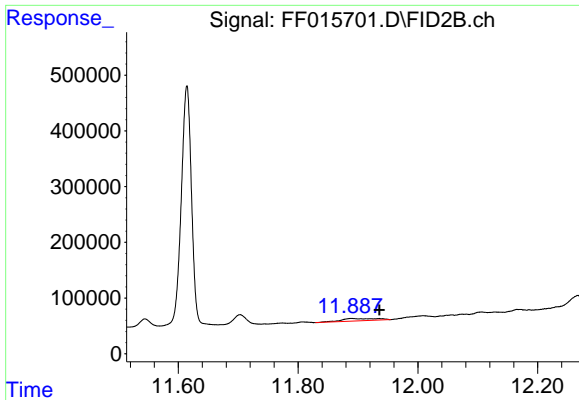
#7 n-Hexadecane (C16)

R.T.: 10.170 min
 Delta R.T.: 0.001 min
 Response: 4797433
 Conc: 35.88 ug/ml



#8 n-Octadecane (C18)

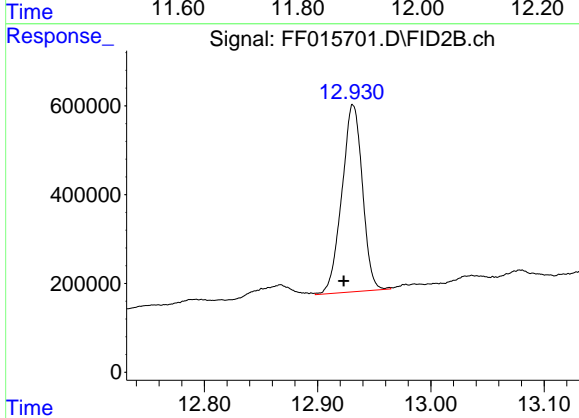
R.T.: 11.614 min
 Delta R.T.: 0.002 min
 Response: 5085264
 Conc: 36.93 ug/ml



#9 ortho-Terphenyl (SURR)

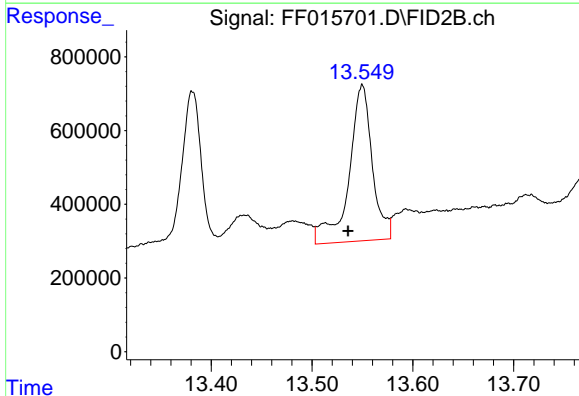
R.T.: 11.889 min
 Delta R.T.: -0.047 min
 Response: 174343
 Conc: 1.14 ug/ml

Instrument :
 FID_F
 ClientSampleId :



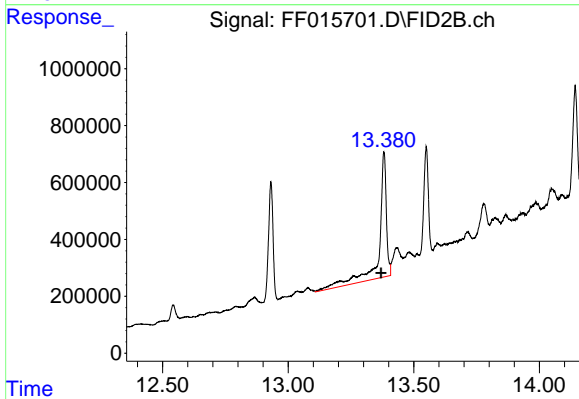
#10 n-Eicosane (C20)

R.T.: 12.931 min
 Delta R.T.: 0.008 min
 Response: 5315123
 Conc: 39.44 ug/ml



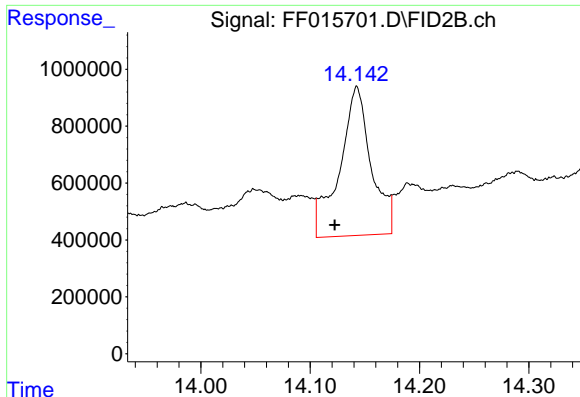
#11 n-Heneicosane (C21)

R.T.: 13.549 min
 Delta R.T.: 0.014 min
 Response: 6839323
 Conc: 51.17 ug/ml



#12 1-chlorooctadecane (SURR)

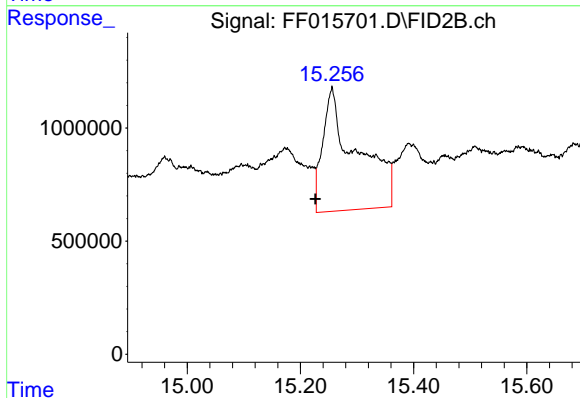
R.T.: 13.381 min
 Delta R.T.: 0.011 min
 Response: 8961598
 Conc: 78.96 ug/ml



#13 n-Docosane (C22)

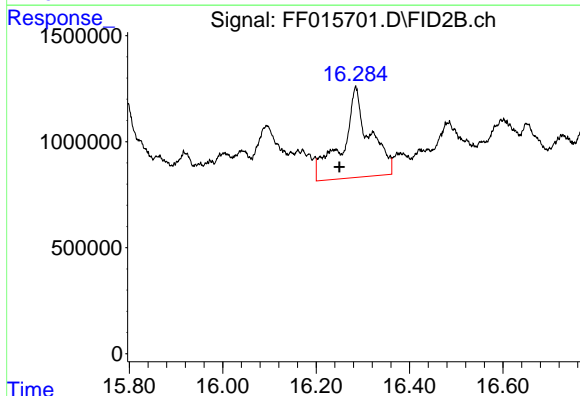
R.T.: 14.142 min
 Delta R.T.: 0.020 min
 Response: 10533005
 Conc: 78.71 ug/ml

Instrument :
 FID_F
 ClientSampleId :



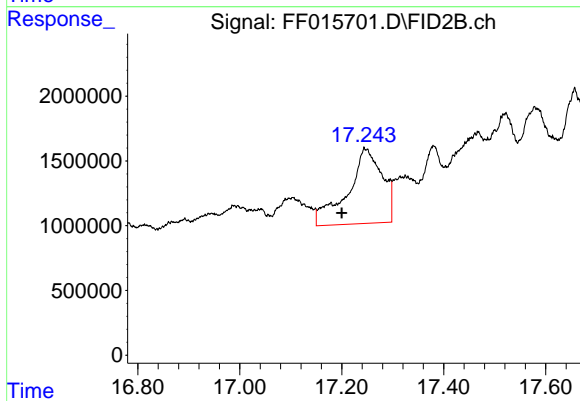
#14 n-Tetracosane (C24)

R.T.: 15.255 min
 Delta R.T.: 0.029 min
 Response: 22644716
 Conc: 169.15 ug/ml



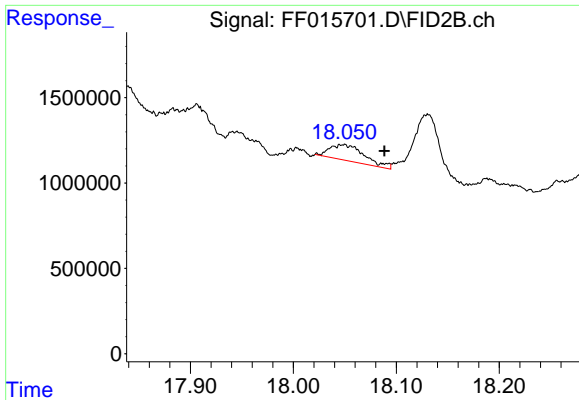
#15 n-Hexacosane (C26)

R.T.: 16.285 min
 Delta R.T.: 0.035 min
 Response: 17262525
 Conc: 131.99 ug/ml



#16 n-Octacosane (C28)

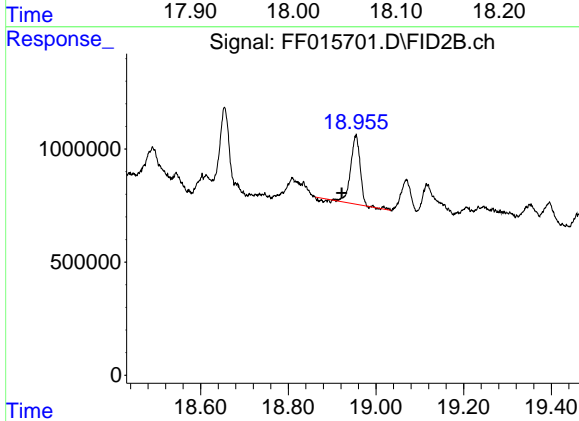
R.T.: 17.248 min
 Delta R.T.: 0.047 min
 Response: 27255701
 Conc: 208.64 ug/ml



#17 n-Tricontane (C30)

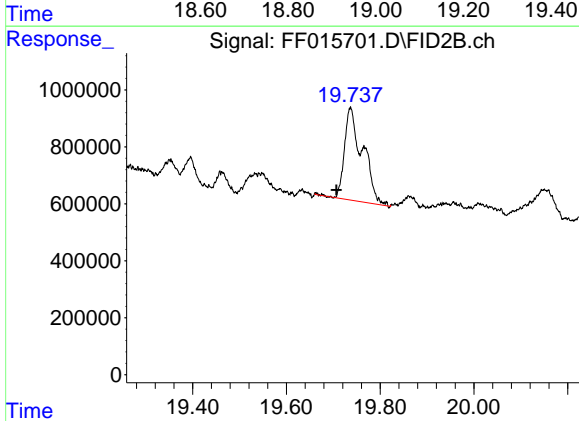
R.T.: 18.048 min
 Delta R.T.: -0.040 min
 Response: 2153084
 Conc: 15.97 ug/ml

Instrument : FID_F
 ClientSampleId :



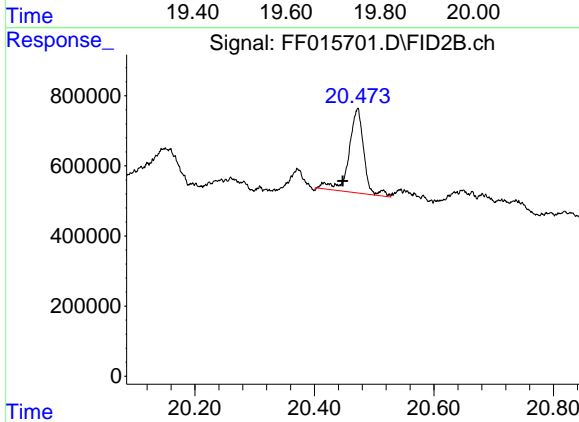
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
 Delta R.T.: 0.032 min
 Response: 4431217
 Conc: 33.98 ug/ml



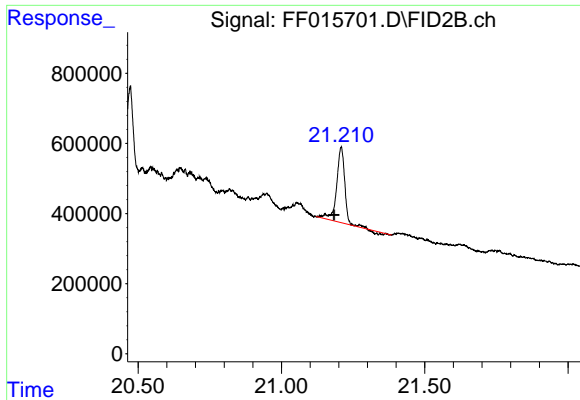
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
 Delta R.T.: 0.030 min
 Response: 8729127
 Conc: 74.78 ug/ml



#20 n-Hexatriacontane (C36)

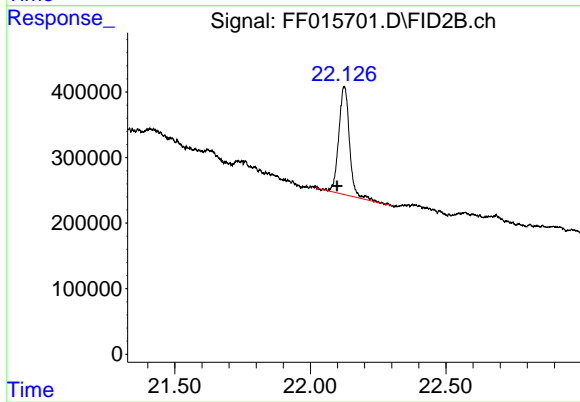
R.T.: 20.471 min
 Delta R.T.: 0.024 min
 Response: 4046526
 Conc: 40.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.024 min
Response: 4160812
Conc: 47.62 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: 0.026 min
Response: 4506427
Conc: 56.15 ug/ml