

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042424AL\
 Data File : FE047790.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2024 09:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 25 09:31:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.972	3186539	18.372 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
12) S 1-chlorooctadecane (S...	13.405	2488331	18.501 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
Target Compounds			
1) T n-Nonane (C9)	3.353	2676436	17.107 ug/ml
2) T n-Decane (C10)	4.606	2806697	17.463 ug/ml
3) T A~Naphthalene (C11.7)	6.314	2972429	17.531 ug/ml
4) T n-Dodecane (C12)	6.772	2849022	17.553 ug/ml
5) T A~2-methylnaphthalene...	7.409	2885495	17.571 ug/ml
6) T n-Tetradecane (C14)	8.600	2871073	17.847 ug/ml
7) T n-Hexadecane (C16)	10.208	3027246	18.228 ug/ml
8) T n-Octadecane (C18)	11.651	3096340	18.464 ug/ml
10) T n-Eicosane (C20)	12.960	3017723	18.628 ug/ml
11) T n-Heneicosane (C21)	13.572	2948800	18.584 ug/ml
13) T n-Docosane (C22)	14.158	3034116	18.906 ug/ml
14) T n-Tetracosane (C24)	15.261	3203196	19.406 ug/ml
15) T n-Hexacosane (C26)	16.281	3328302	20.135 ug/ml
16) T n-Octacosane (C28)	17.230	3553259	21.442 ug/ml
17) T n-Tricontane (C30)	18.118	3981295	23.450 ug/ml
18) T n-Dotriacontane (C32)	18.950	4017837	24.095 ug/ml
19) T n-Tetratriacontane (C34)	19.731	3668577	22.873 ug/ml
20) T n-Hexatriacontane (C36)	20.472	3386938	21.235 ug/ml
21) T n-Octatriacontane (C38)	21.214	3229563	19.871 ug/ml
22) T n-Tetracontane (C40)	22.141	3135346	19.150 ug/ml

(f)=RT Delta > 1/2 Window

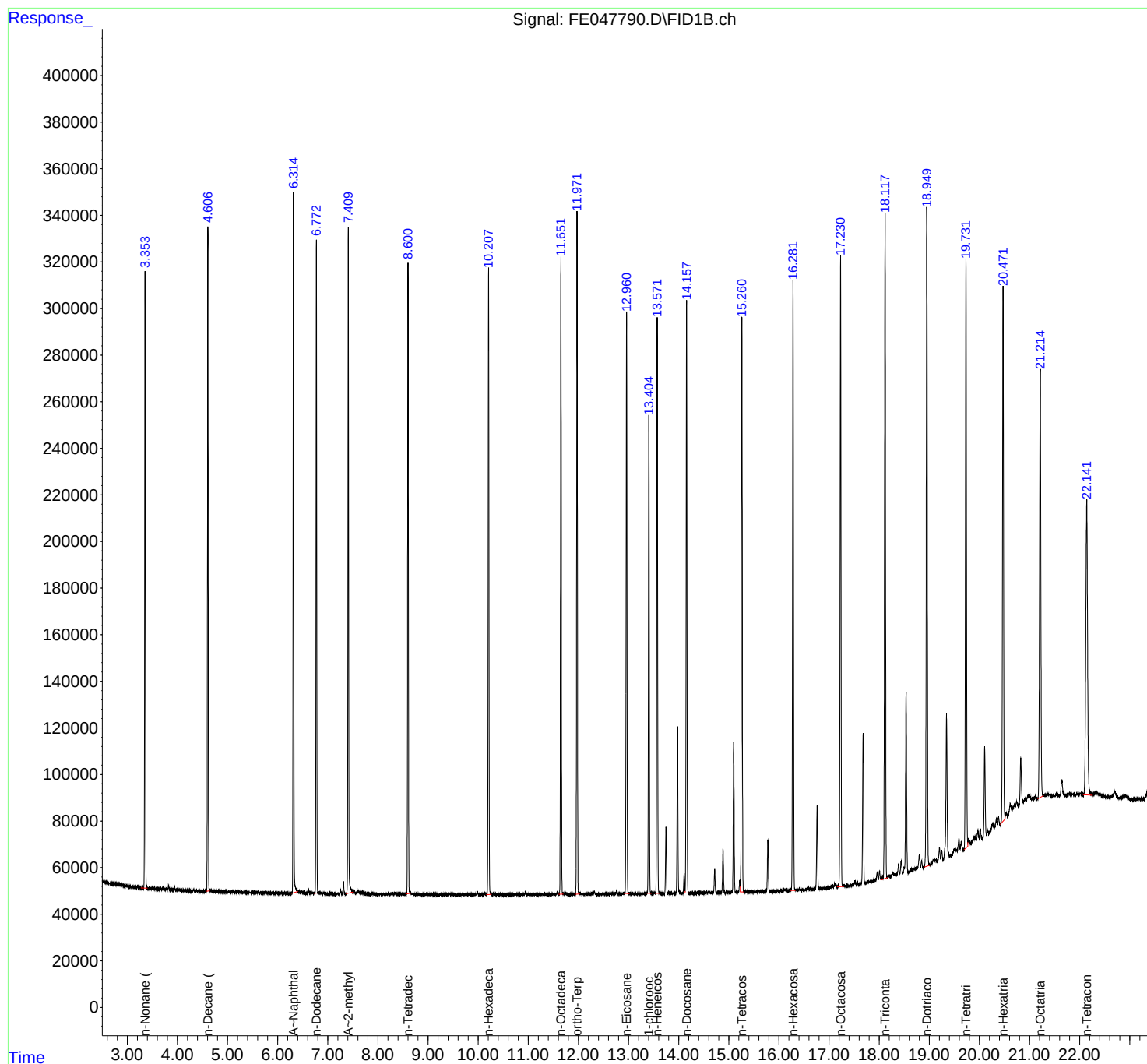
(m)=manual int.

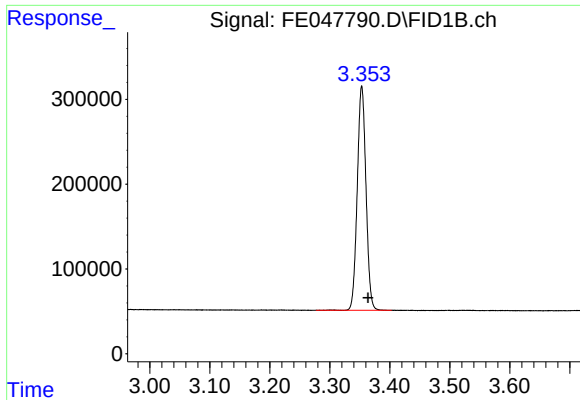
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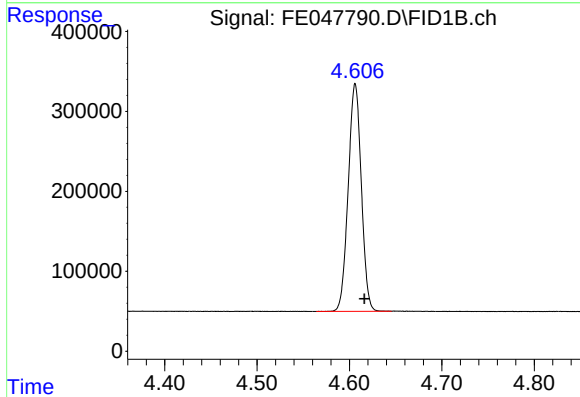




#1 n-Nonane (C9)

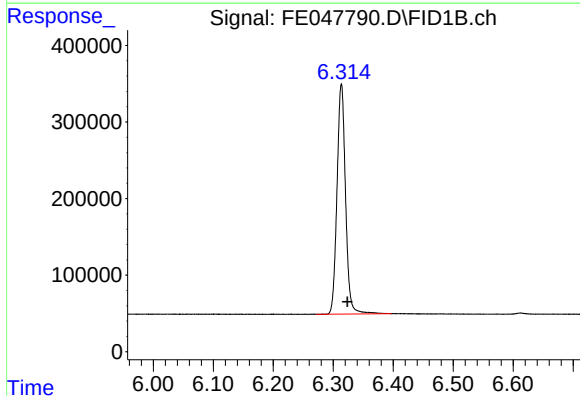
R.T.: 3.353 min
Delta R.T.: -0.011 min
Response: 2676436
Conc: 17.11 ug/ml

Instrument :
FID_E
ClientSampleId :



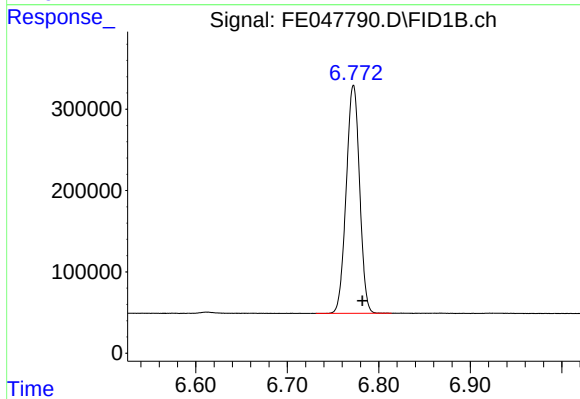
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: -0.010 min
Response: 2806697
Conc: 17.46 ug/ml



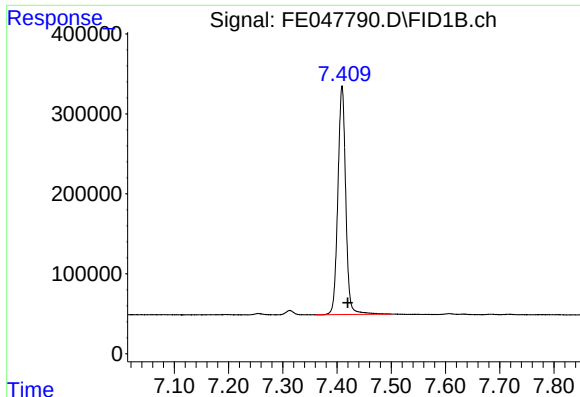
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.010 min
Response: 2972429
Conc: 17.53 ug/ml



#4 n-Dodecane (C12)

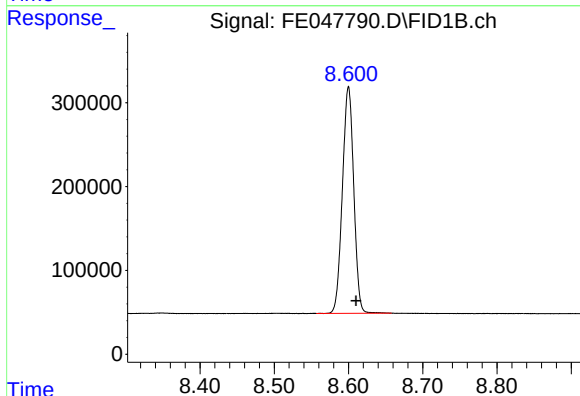
R.T.: 6.772 min
Delta R.T.: -0.010 min
Response: 2849022
Conc: 17.55 ug/ml



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

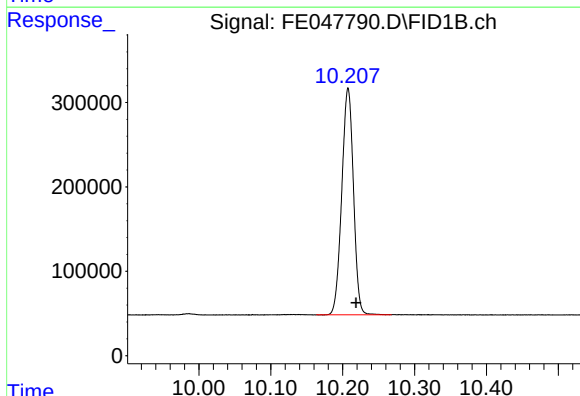
R.T.: 7.409 min
Delta R.T.: -0.010 min
Response: 2885495
Conc: 17.57 ug/ml

Instrument :
FID_E
ClientSampleId :



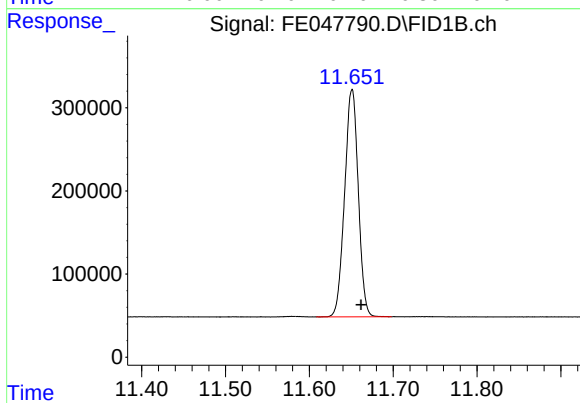
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.010 min
Response: 2871073
Conc: 17.85 ug/ml



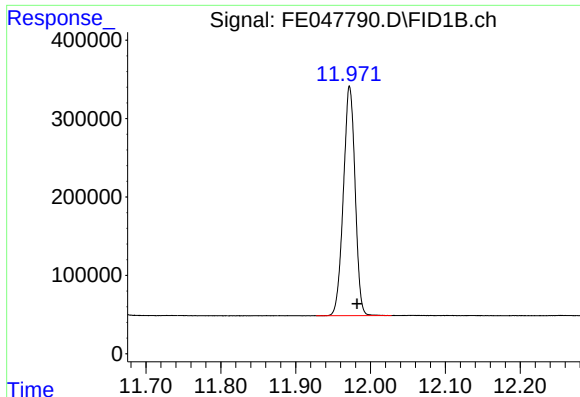
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.011 min
Response: 3027246
Conc: 18.23 ug/ml



#8 n-Octadecane (C18)

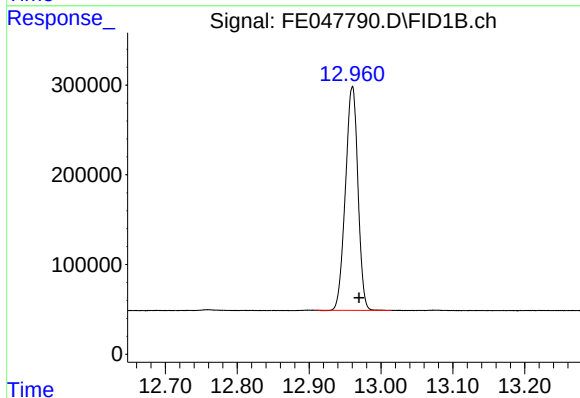
R.T.: 11.651 min
Delta R.T.: -0.011 min
Response: 3096340
Conc: 18.46 ug/ml



#9 ortho-Terphenyl (SURR)

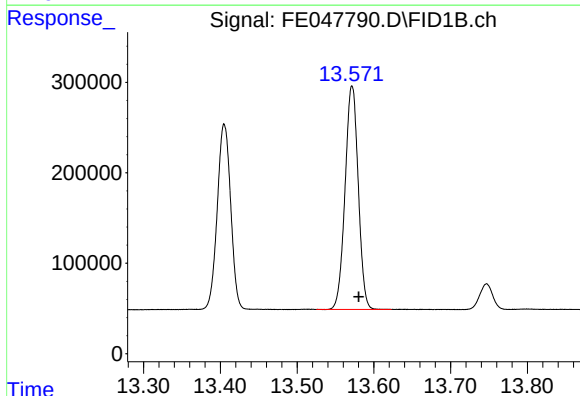
R.T.: 11.972 min
Delta R.T.: -0.010 min
Response: 3186539
Conc: 18.37 ug/ml

Instrument :
FID_E
ClientSampleId :



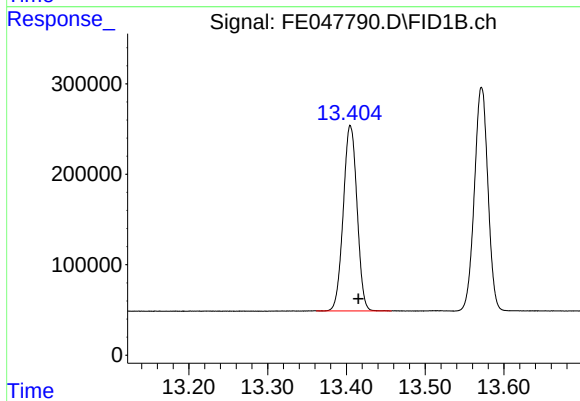
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.009 min
Response: 3017723
Conc: 18.63 ug/ml



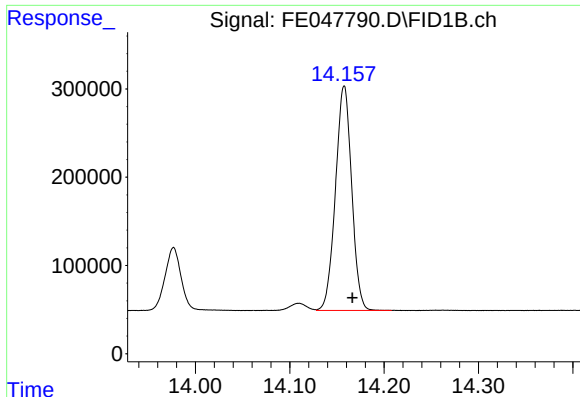
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.009 min
Response: 2948800
Conc: 18.58 ug/ml



#12 1-chlorooctadecane (SURR)

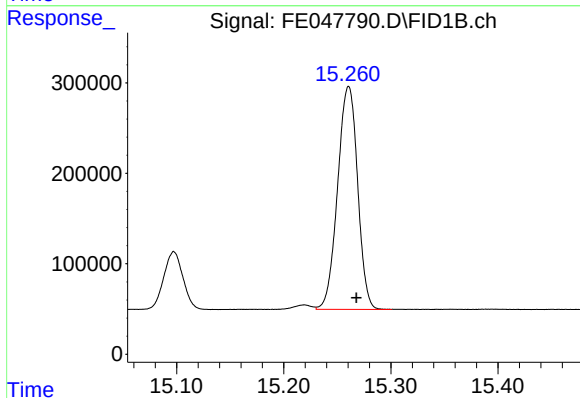
R.T.: 13.405 min
Delta R.T.: -0.010 min
Response: 2488331
Conc: 18.50 ug/ml



#13 n-Docosane (C22)

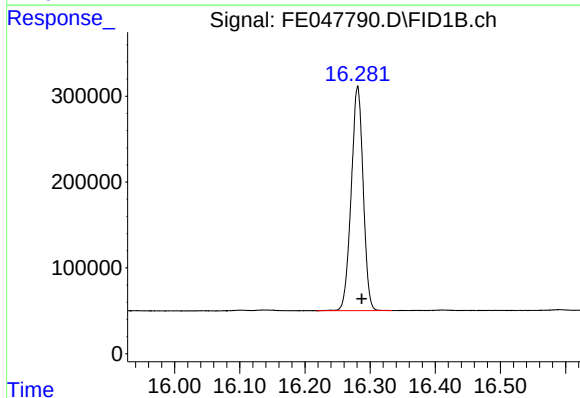
R.T.: 14.158 min
Delta R.T.: -0.008 min
Response: 3034116
Conc: 18.91 ug/ml

Instrument :
FID_E
ClientSampleId :



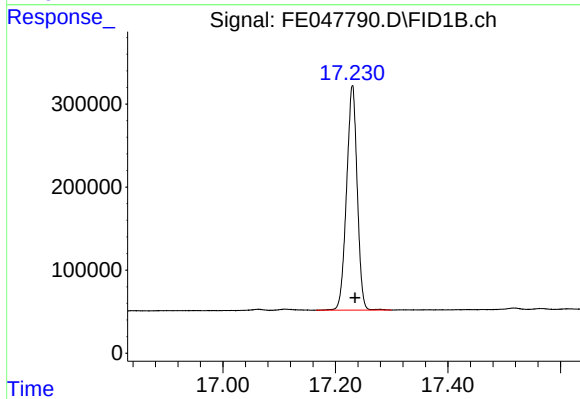
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: -0.007 min
Response: 3203196
Conc: 19.41 ug/ml



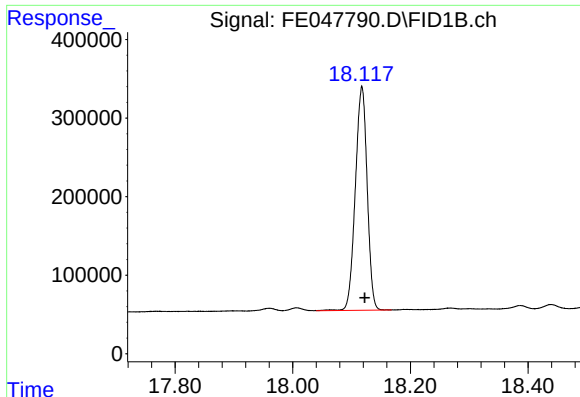
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: -0.006 min
Response: 3328302
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

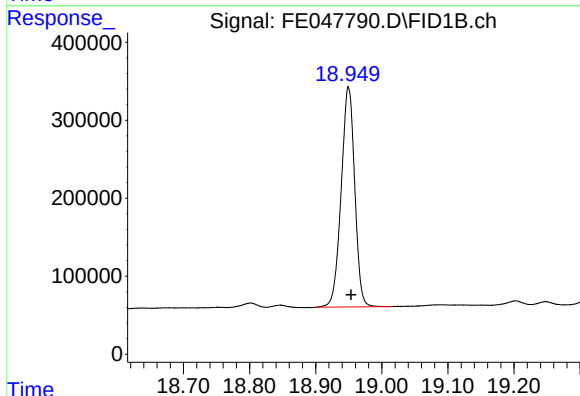
R.T.: 17.230 min
Delta R.T.: -0.005 min
Response: 3553259
Conc: 21.44 ug/ml



#17 n-Tricontane (C30)

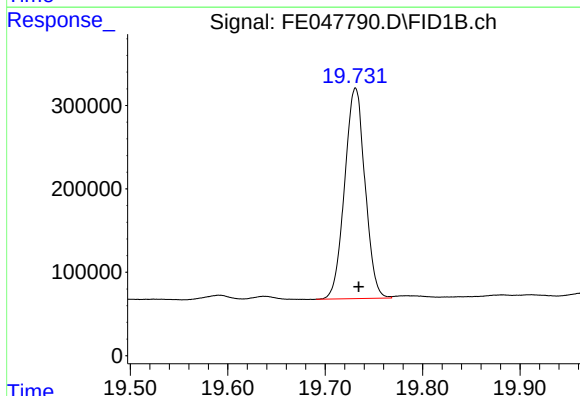
R.T.: 18.118 min
Delta R.T.: -0.004 min
Response: 3981295
Conc: 23.45 ug/ml

Instrument :
FID_E
ClientSampleId :



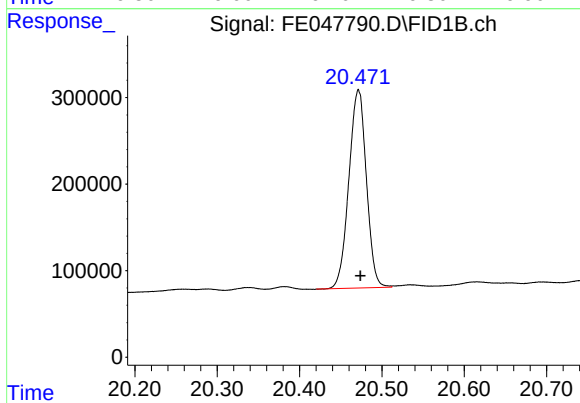
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.004 min
Response: 4017837
Conc: 24.09 ug/ml



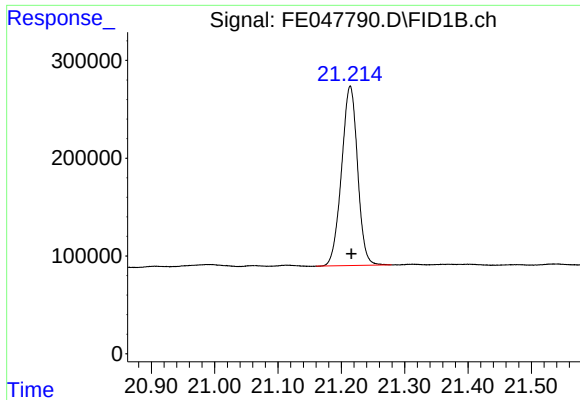
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.003 min
Response: 3668577
Conc: 22.87 ug/ml



#20 n-Hexatriacontane (C36)

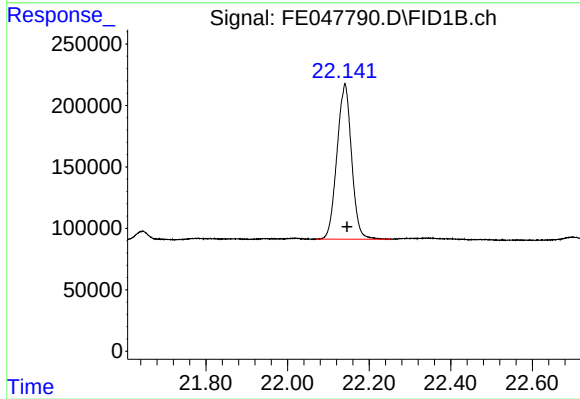
R.T.: 20.472 min
Delta R.T.: -0.002 min
Response: 3386938
Conc: 21.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.002 min
Response: 3229563
Conc: 19.87 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.005 min
Response: 3135346
Conc: 19.15 ug/ml