

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042524AL\
 Data File : FE047792.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2024 10:01
 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 13:06:46 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)	11.973	2978168	17.171 ug/ml
Spiked Amount 50.000		Recovery =	34.34%
12) S 1-chlorooctadecane (S...	13.405	2305830	17.144 ug/ml
Spiked Amount 50.000		Recovery =	34.29%
Target Compounds			
1) T n-Nonane (C9)	3.354	2727382	17.433 ug/ml
2) T n-Decane (C10)	4.607	2769909	17.235 ug/ml
3) T A~Naphthalene (C11.7)	6.314	2925301	17.253 ug/ml
4) T n-Dodecane (C12)	6.772	2780233	17.129 ug/ml
5) T A~2-methylnaphthalene...	7.410	2798822	17.043 ug/ml
6) T n-Tetradecane (C14)	8.600	2748566	17.085 ug/ml
7) T n-Hexadecane (C16)	10.208	2842683	17.117 ug/ml
8) T n-Octadecane (C18)	11.651	2877951	17.161 ug/ml
10) T n-Eicosane (C20)	12.960	2768323	17.088 ug/ml
11) T n-Heneicosane (C21)	13.572	2720665	17.146 ug/ml
13) T n-Docosane (C22)	14.157	2703934	16.849 ug/ml
14) T n-Tetracosane (C24)	15.261	2698680	16.349 ug/ml
15) T n-Hexacosane (C26)	16.280	2664558	16.120 ug/ml
16) T n-Octacosane (C28)	17.229	2630747	15.875 ug/ml
17) T n-Tricontane (C30)	18.115	2673293	15.746 ug/ml
18) T n-Dotriacontane (C32)	18.947	2660554	15.955 ug/ml
19) T n-Tetratriacontane (C34)	19.731	2662643	16.601 ug/ml
20) T n-Hexatriacontane (C36)	20.469	2672527	16.756 ug/ml
21) T n-Octatriacontane (C38)	21.212	2717061	16.718 ug/ml
22) T n-Tetracontane (C40)	22.137	2725403	16.646 ug/ml

(f)=RT Delta > 1/2 Window

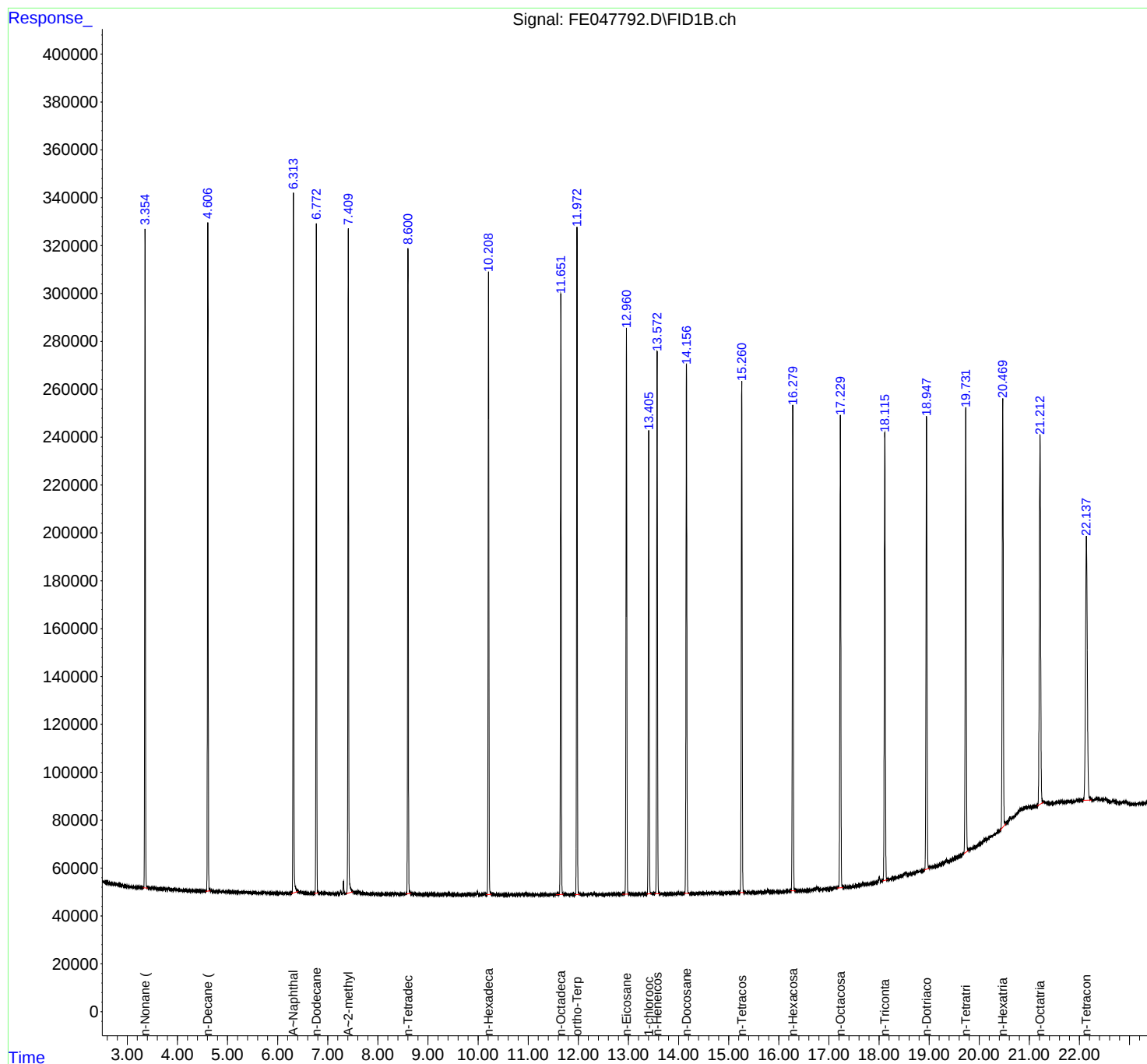
(m)=manual int.

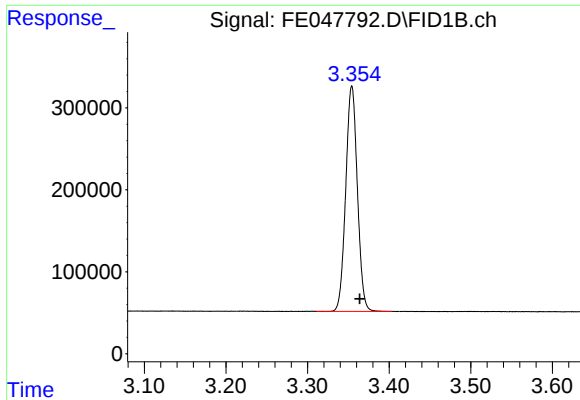
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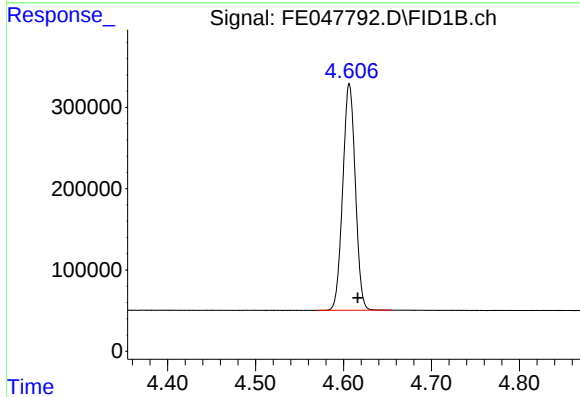




#1 n-Nonane (C9)

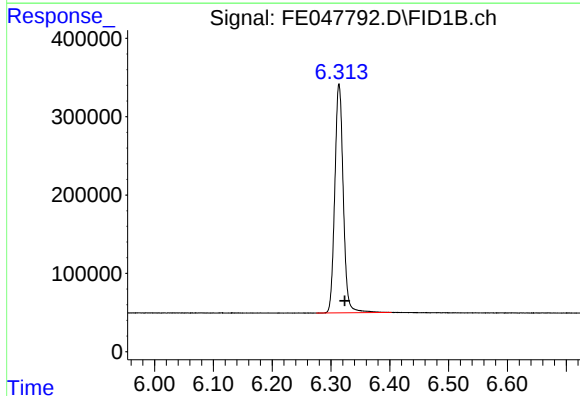
R.T.: 3.354 min
Delta R.T.: -0.010 min
Response: 2727382
Conc: 17.43 ug/ml

Instrument :
FID_E
ClientSampleId :



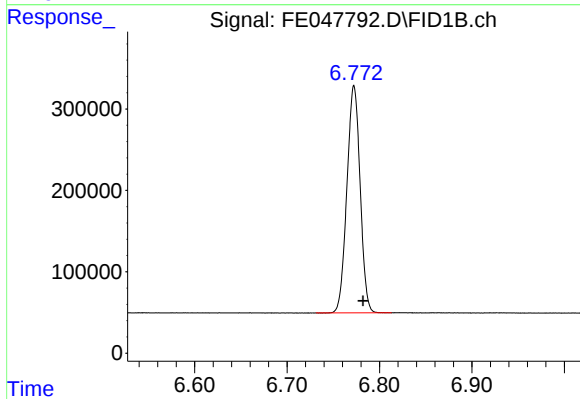
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.009 min
Response: 2769909
Conc: 17.23 ug/ml



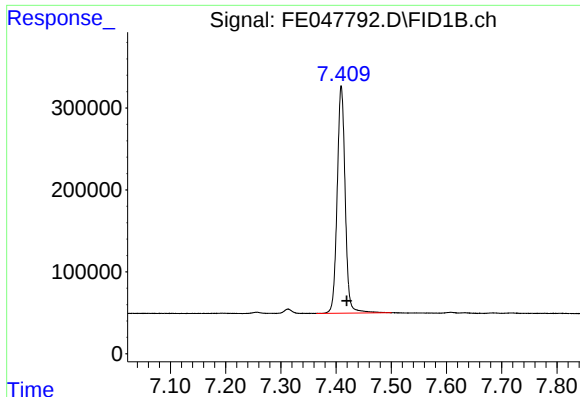
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.010 min
Response: 2925301
Conc: 17.25 ug/ml



#4 n-Dodecane (C12)

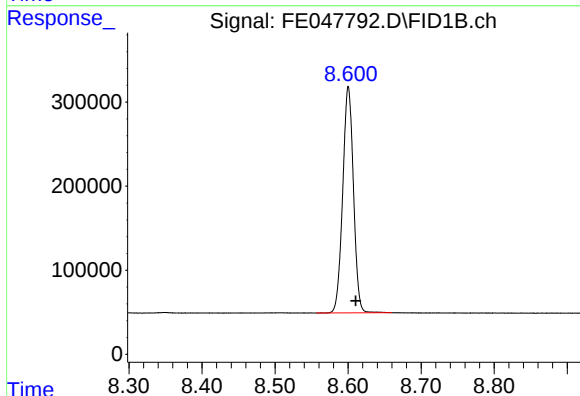
R.T.: 6.772 min
Delta R.T.: -0.010 min
Response: 2780233
Conc: 17.13 ug/ml



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

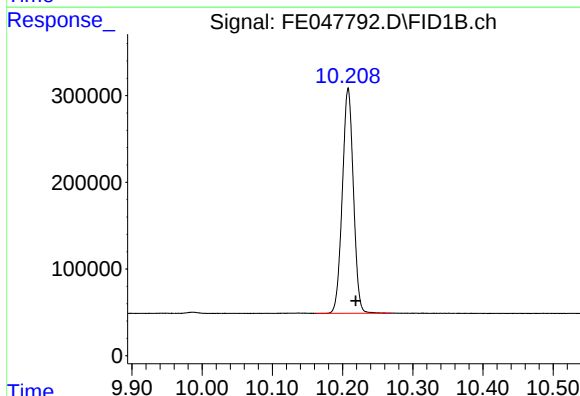
R.T.: 7.410 min
Delta R.T.: -0.010 min
Response: 2798822
Conc: 17.04 ug/ml

Instrument :
FID_E
ClientSampleId :



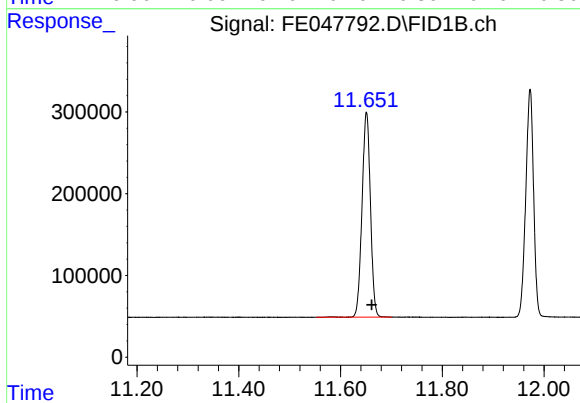
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.010 min
Response: 2748566
Conc: 17.09 ug/ml



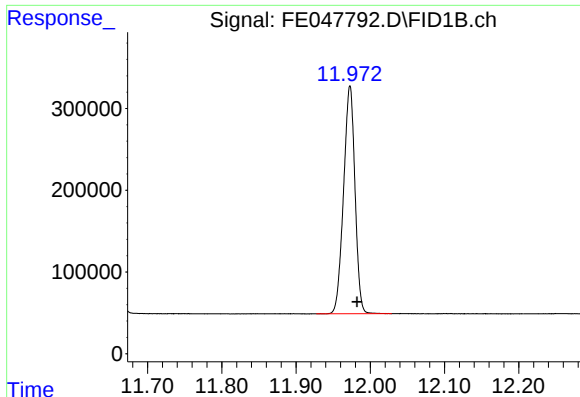
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.011 min
Response: 2842683
Conc: 17.12 ug/ml



#8 n-Octadecane (C18)

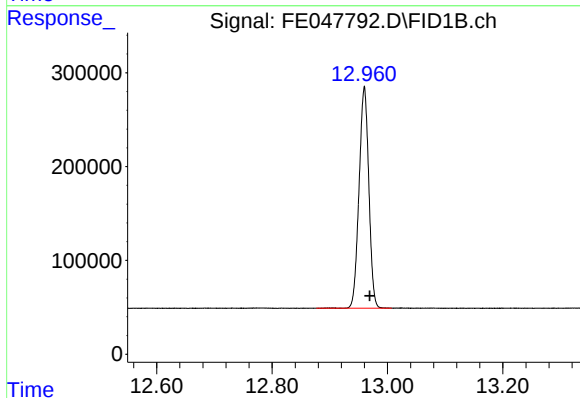
R.T.: 11.651 min
Delta R.T.: -0.010 min
Response: 2877951
Conc: 17.16 ug/ml



#9 ortho-Terphenyl (SURR)

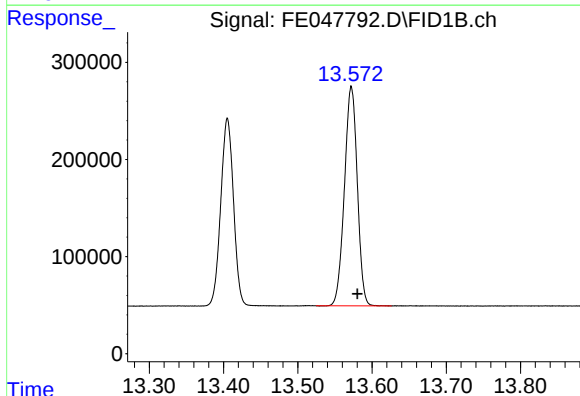
R.T.: 11.973 min
Delta R.T.: -0.009 min
Response: 2978168
Conc: 17.17 ug/ml

Instrument :
FID_E
ClientSampleId :



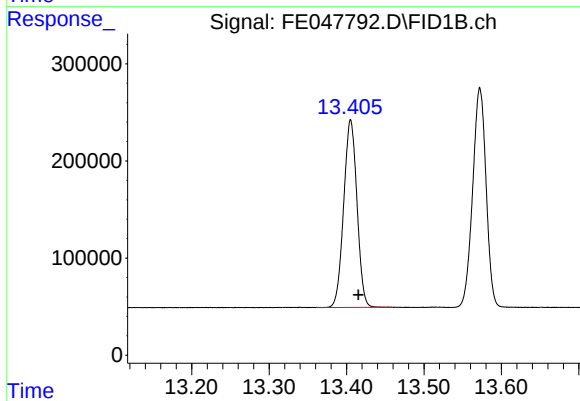
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.010 min
Response: 2768323
Conc: 17.09 ug/ml



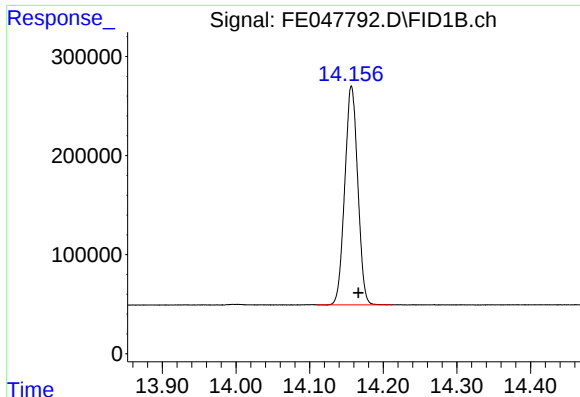
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.008 min
Response: 2720665
Conc: 17.15 ug/ml



#12 1-chlorooctadecane (SURR)

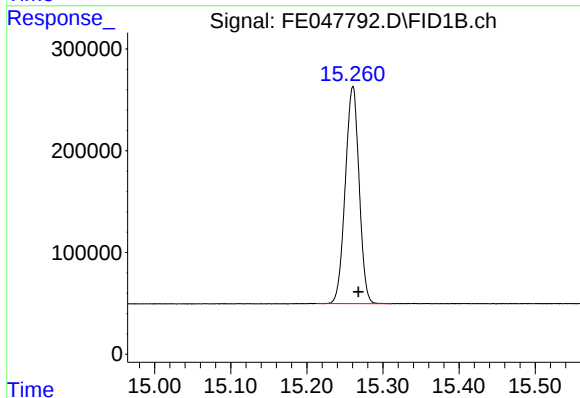
R.T.: 13.405 min
Delta R.T.: -0.010 min
Response: 2305830
Conc: 17.14 ug/ml



#13 n-Docosane (C22)

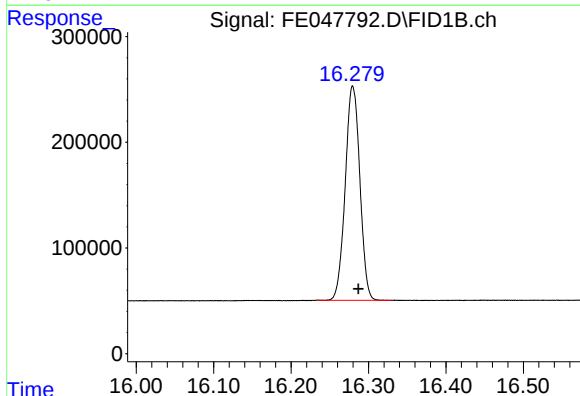
R.T.: 14.157 min
Delta R.T.: -0.009 min
Response: 2703934
Conc: 16.85 ug/ml

Instrument :
FID_E
ClientSampleId :



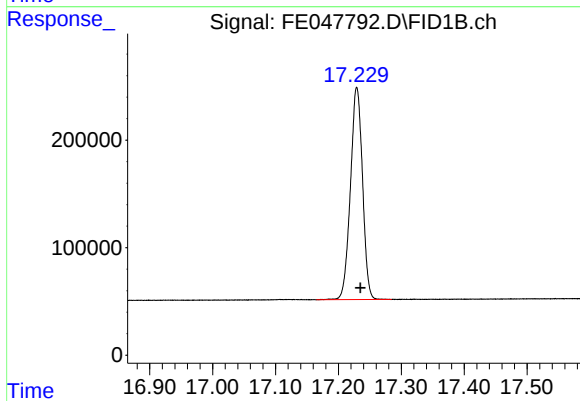
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: -0.007 min
Response: 2698680
Conc: 16.35 ug/ml



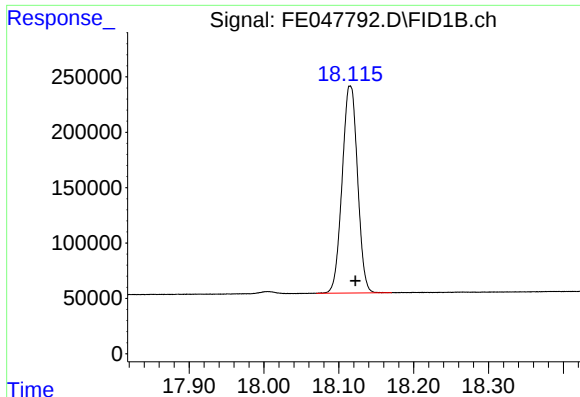
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.007 min
Response: 2664558
Conc: 16.12 ug/ml



#16 n-Octacosane (C28)

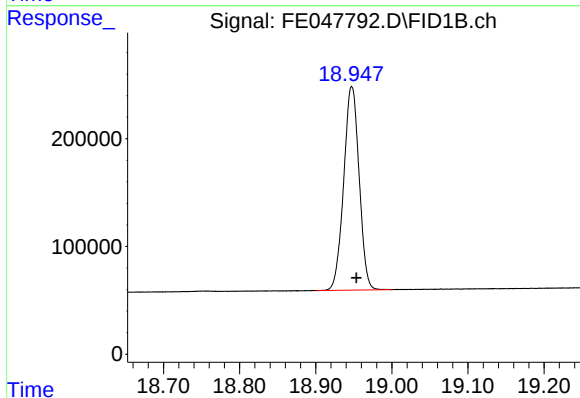
R.T.: 17.229 min
Delta R.T.: -0.006 min
Response: 2630747
Conc: 15.87 ug/ml



#17 n-Tricontane (C30)

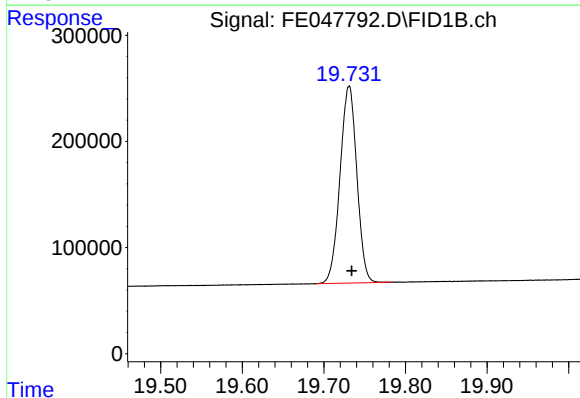
R.T.: 18.115 min
Delta R.T.: -0.007 min
Response: 2673293
Conc: 15.75 ug/ml

Instrument :
FID_E
ClientSampleId :



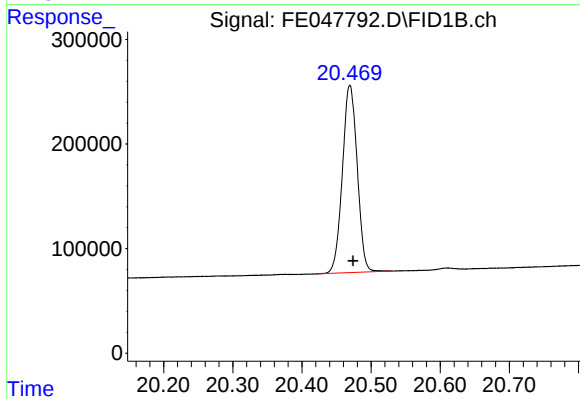
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.006 min
Response: 2660554
Conc: 15.96 ug/ml



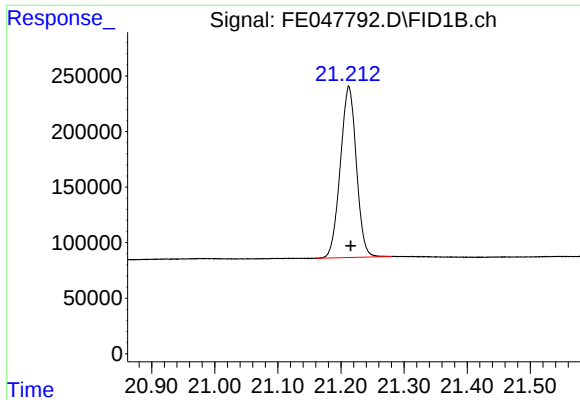
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.003 min
Response: 2662643
Conc: 16.60 ug/ml



#20 n-Hexatriacontane (C36)

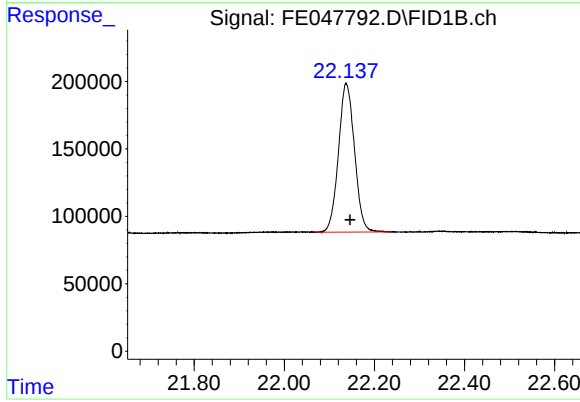
R.T.: 20.469 min
Delta R.T.: -0.005 min
Response: 2672527
Conc: 16.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.003 min
Response: 2717061
Conc: 16.72 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: -0.009 min
Response: 2725403
Conc: 16.65 ug/ml