

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060324AL\
 Data File : FE048500.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2024 09:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 04 01:27:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.951	2975369	20.720 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
12) S 1-chlorooctadecane (S...	13.384	2228991	20.460 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
Target Compounds			
1) T n-Nonane (C9)	3.337	3020441	20.203 ug/ml
2) T n-Decane (C10)	4.586	3120101	20.663 ug/ml
3) T A~Naphthalene (C11.7)	6.293	3071311	20.627 ug/ml
4) T n-Dodecane (C12)	6.751	3056105	20.646 ug/ml
5) T A~2-methylnaphthalene...	7.388	2870678	20.704 ug/ml
6) T n-Tetradecane (C14)	8.580	2913468	20.541 ug/ml
7) T n-Hexadecane (C16)	10.188	2911847	20.654 ug/ml
8) T n-Octadecane (C18)	11.630	2879520	20.733 ug/ml
10) T n-Eicosane (C20)	12.938	2740627	20.710 ug/ml
11) T n-Heneicosane (C21)	13.550	2671592	20.625 ug/ml
13) T n-Docosane (C22)	14.136	2698752	20.943 ug/ml
14) T n-Tetracosane (C24)	15.239	2772200	21.399 ug/ml
15) T n-Hexacosane (C26)	16.259	2831196	21.845 ug/ml
16) T n-Octacosane (C28)	17.208	2924729	22.628 ug/ml
17) T n-Tricontane (C30)	18.094	3089416	23.062 ug/ml
18) T n-Dotriacontane (C32)	18.927	3082852	22.711 ug/ml
19) T n-Tetratriacontane (C34)	19.707	3143588	22.979 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2885235	21.225 ug/ml
21) T n-Octatriacontane (C38)	21.184	2954873	21.668 ug/ml
22) T n-Tetracontane (C40)	22.102	3067008	22.400 ug/ml

(f)=RT Delta > 1/2 Window

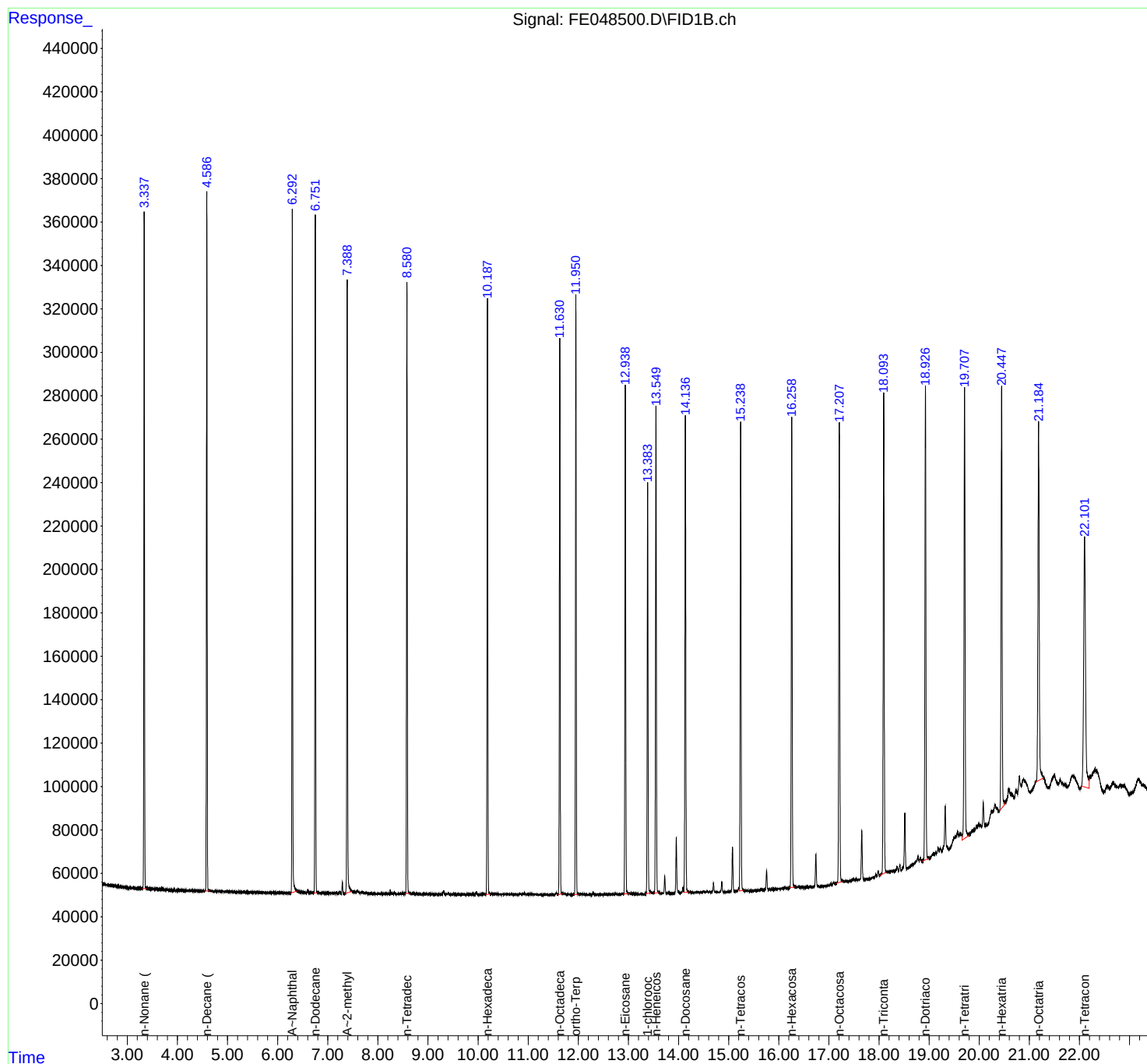
(m)=manual int.

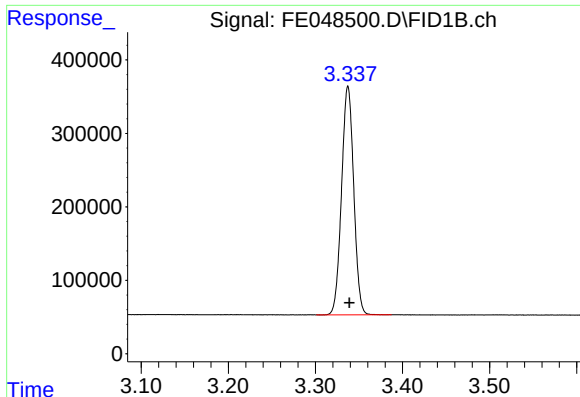
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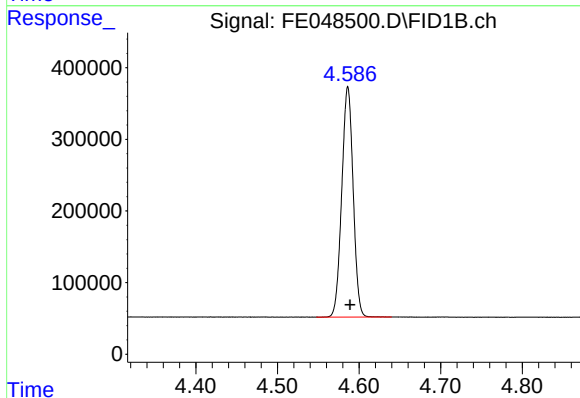




#1 n-Nonane (C9)

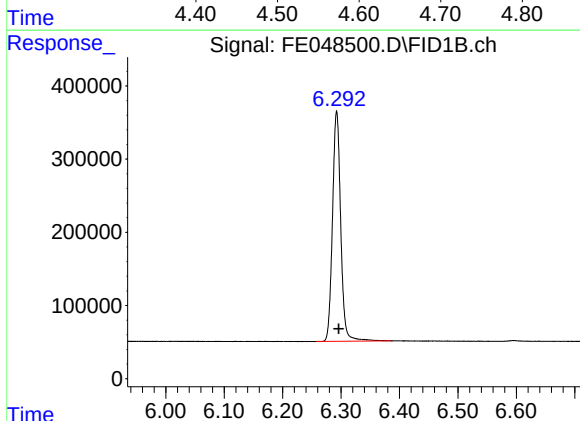
R.T.: 3.337 min
Delta R.T.: -0.002 min
Response: 3020441
Conc: 20.20 ug/ml

Instrument :
FID_E
ClientSampleId :



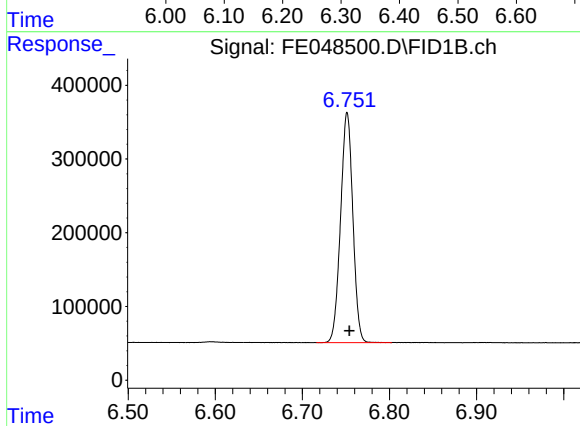
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.003 min
Response: 3120101
Conc: 20.66 ug/ml



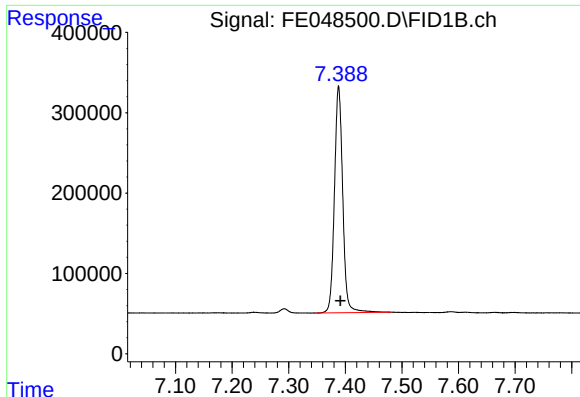
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 3071311
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

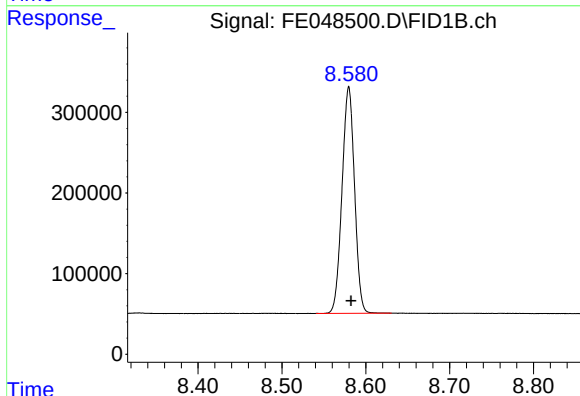
R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 3056105
Conc: 20.65 ug/ml



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

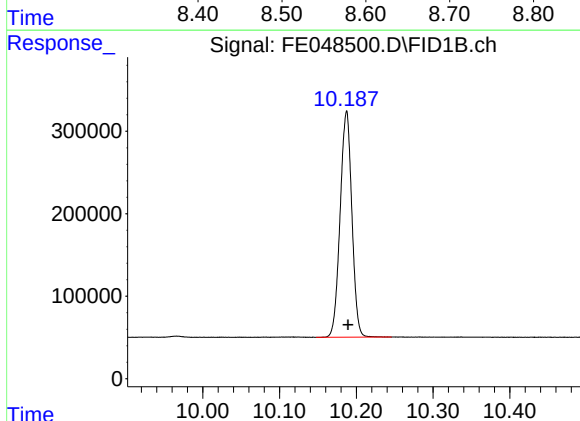
R.T.: 7.388 min
Delta R.T.: -0.003 min
Response: 2870678
Conc: 20.70 ug/ml

Instrument :
FID_E
ClientSampleId :



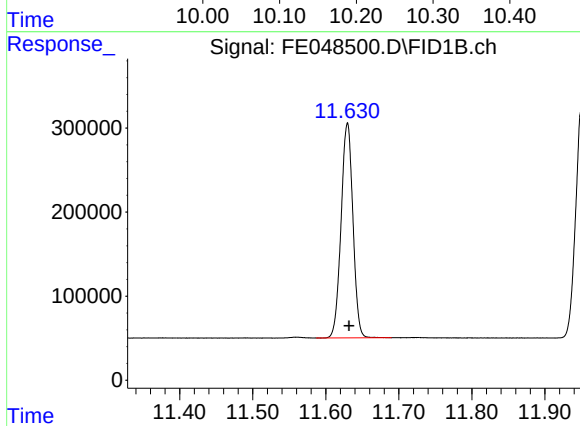
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: -0.003 min
Response: 2913468
Conc: 20.54 ug/ml



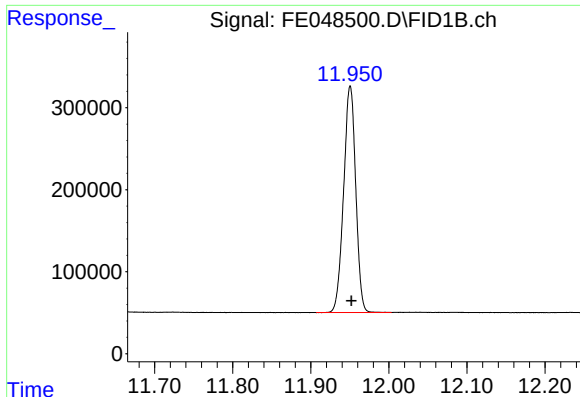
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: -0.002 min
Response: 2911847
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

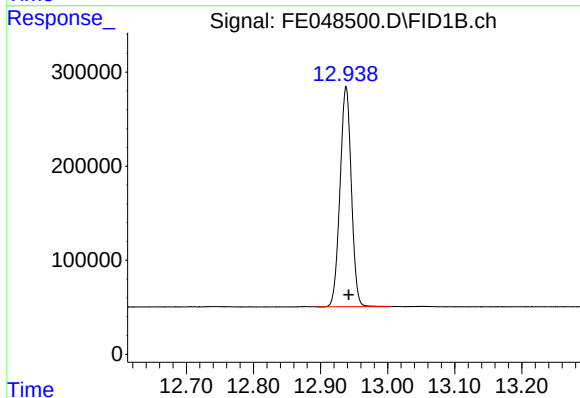
R.T.: 11.630 min
Delta R.T.: -0.002 min
Response: 2879520
Conc: 20.73 ug/ml



#9 ortho-Terphenyl (SURR)

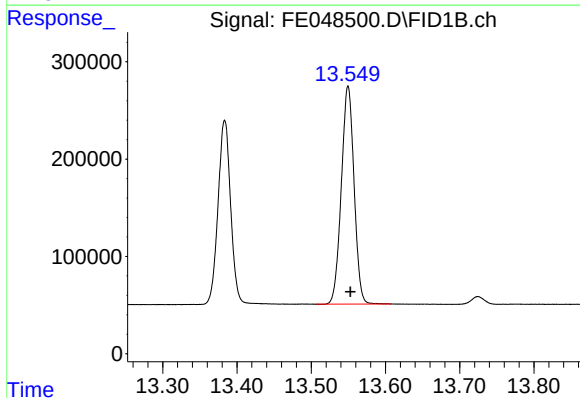
R.T.: 11.951 min
Delta R.T.: -0.001 min
Response: 2975369
Conc: 20.72 ug/ml

Instrument :
FID_E
ClientSampleId :



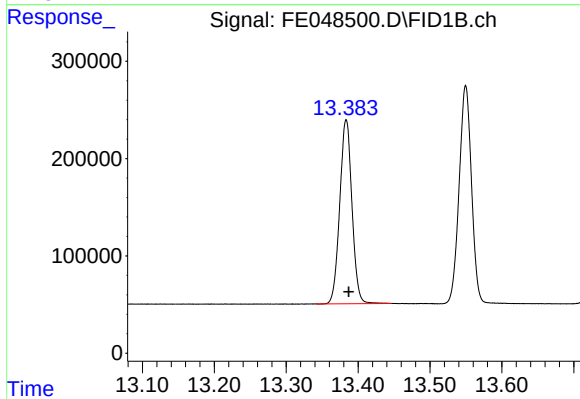
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.004 min
Response: 2740627
Conc: 20.71 ug/ml



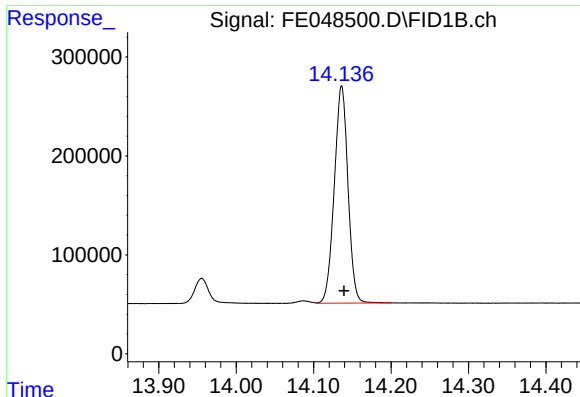
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: -0.003 min
Response: 2671592
Conc: 20.63 ug/ml



#12 1-chlorooctadecane (SURR)

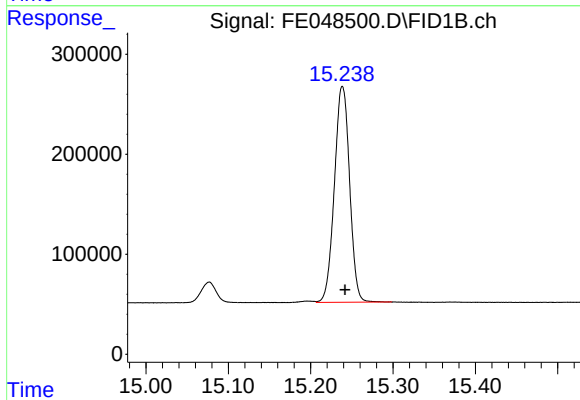
R.T.: 13.384 min
Delta R.T.: -0.003 min
Response: 2228991
Conc: 20.46 ug/ml



#13 n-Docosane (C22)

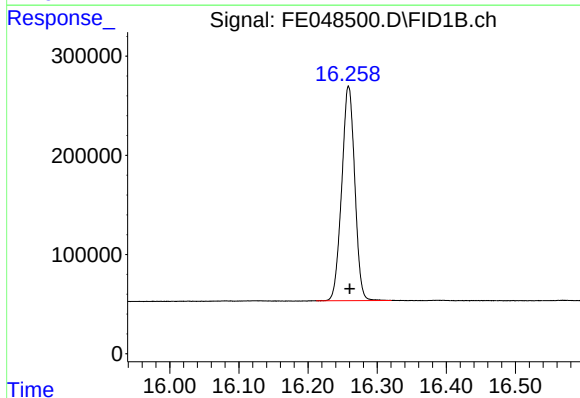
R.T.: 14.136 min
Delta R.T.: -0.003 min
Response: 2698752
Conc: 20.94 ug/ml

Instrument :
FID_E
ClientSampleId :



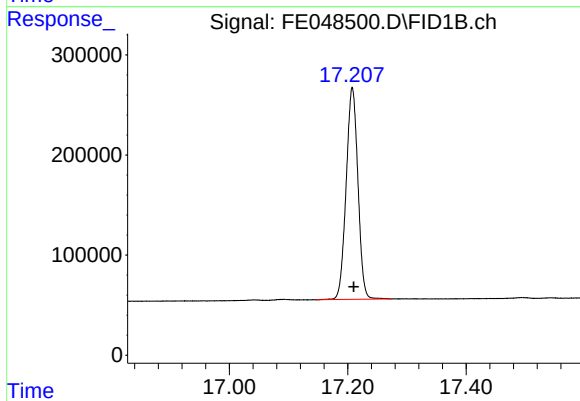
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: -0.003 min
Response: 2772200
Conc: 21.40 ug/ml



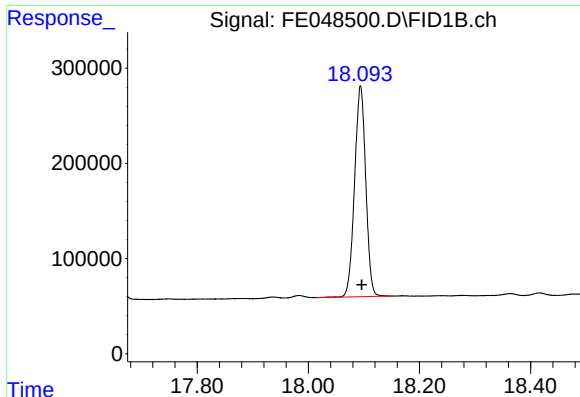
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: -0.002 min
Response: 2831196
Conc: 21.84 ug/ml



#16 n-Octacosane (C28)

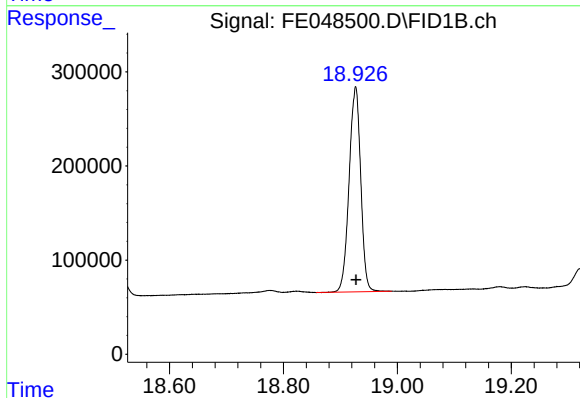
R.T.: 17.208 min
Delta R.T.: -0.003 min
Response: 2924729
Conc: 22.63 ug/ml



#17 n-Tricontane (C30)

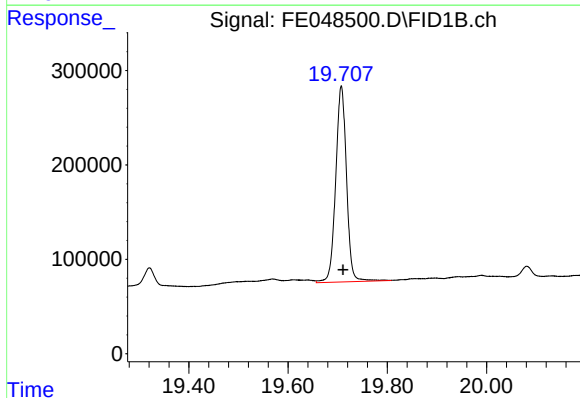
R.T.: 18.094 min
Delta R.T.: -0.002 min
Response: 3089416
Conc: 23.06 ug/ml

Instrument :
FID_E
ClientSampleId :



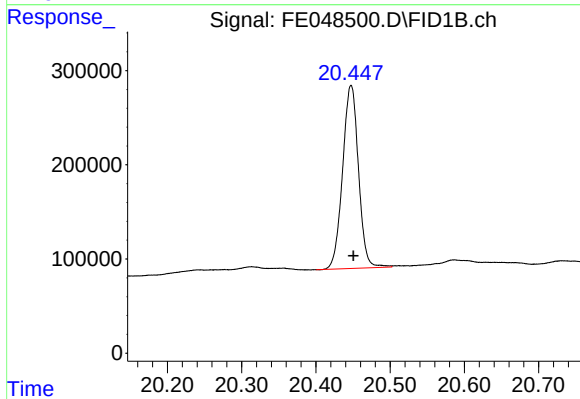
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: 0.000 min
Response: 3082852
Conc: 22.71 ug/ml



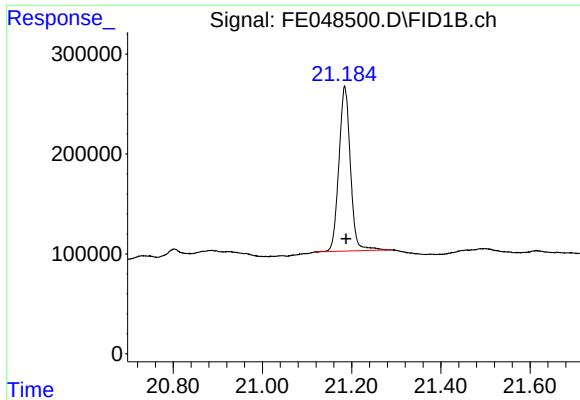
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.004 min
Response: 3143588
Conc: 22.98 ug/ml



#20 n-Hexatriacontane (C36)

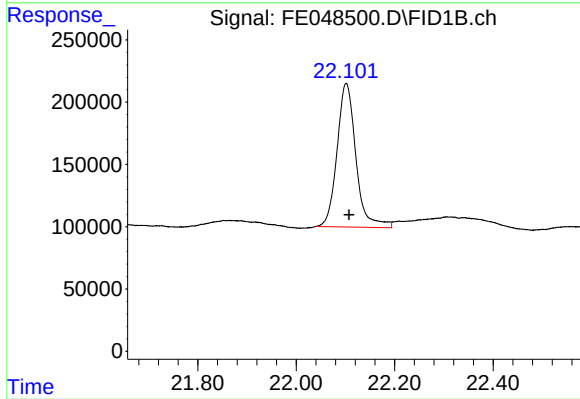
R.T.: 20.447 min
Delta R.T.: -0.003 min
Response: 2885235
Conc: 21.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.003 min
Response: 2954873
Conc: 21.67 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.006 min
Response: 3067008
Conc: 22.40 ug/ml