

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042524AL\
 Data File : FE047800.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2024 14:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 25 15:02:20 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	3272524	18.868 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
12) S 1-chlorooctadecane (S...	13.406	2535105	18.849 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.354	2986221	19.088 ug/ml
2) T n-Decane (C10)	4.606	3033647	18.876 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3203843	18.896 ug/ml
4) T n-Dodecane (C12)	6.773	3045017	18.761 ug/ml
5) T A~2-methylnaphthalene...	7.409	3081740	18.766 ug/ml
6) T n-Tetradecane (C14)	8.600	3010655	18.714 ug/ml
7) T n-Hexadecane (C16)	10.207	3120496	18.790 ug/ml
8) T n-Octadecane (C18)	11.651	3151975	18.796 ug/ml
10) T n-Eicosane (C20)	12.961	3037991	18.753 ug/ml
11) T n-Heneicosane (C21)	13.572	2995837	18.880 ug/ml
13) T n-Docosane (C22)	14.158	2975424	18.541 ug/ml
14) T n-Tetracosane (C24)	15.260	2968342	17.983 ug/ml
15) T n-Hexacosane (C26)	16.280	2935096	17.757 ug/ml
16) T n-Octacosane (C28)	17.229	2900323	17.502 ug/ml
17) T n-Tricontane (C30)	18.115	2959663	17.433 ug/ml
18) T n-Dotriacontane (C32)	18.948	2941461	17.640 ug/ml
19) T n-Tetratriacontane (C34)	19.731	2930748	18.273 ug/ml
20) T n-Hexatriacontane (C36)	20.470	2910732	18.249 ug/ml
21) T n-Octatriacontane (C38)	21.213	2982804	18.353 ug/ml
22) T n-Tetracontane (C40)	22.140	3012962	18.403 ug/ml

(f)=RT Delta > 1/2 Window

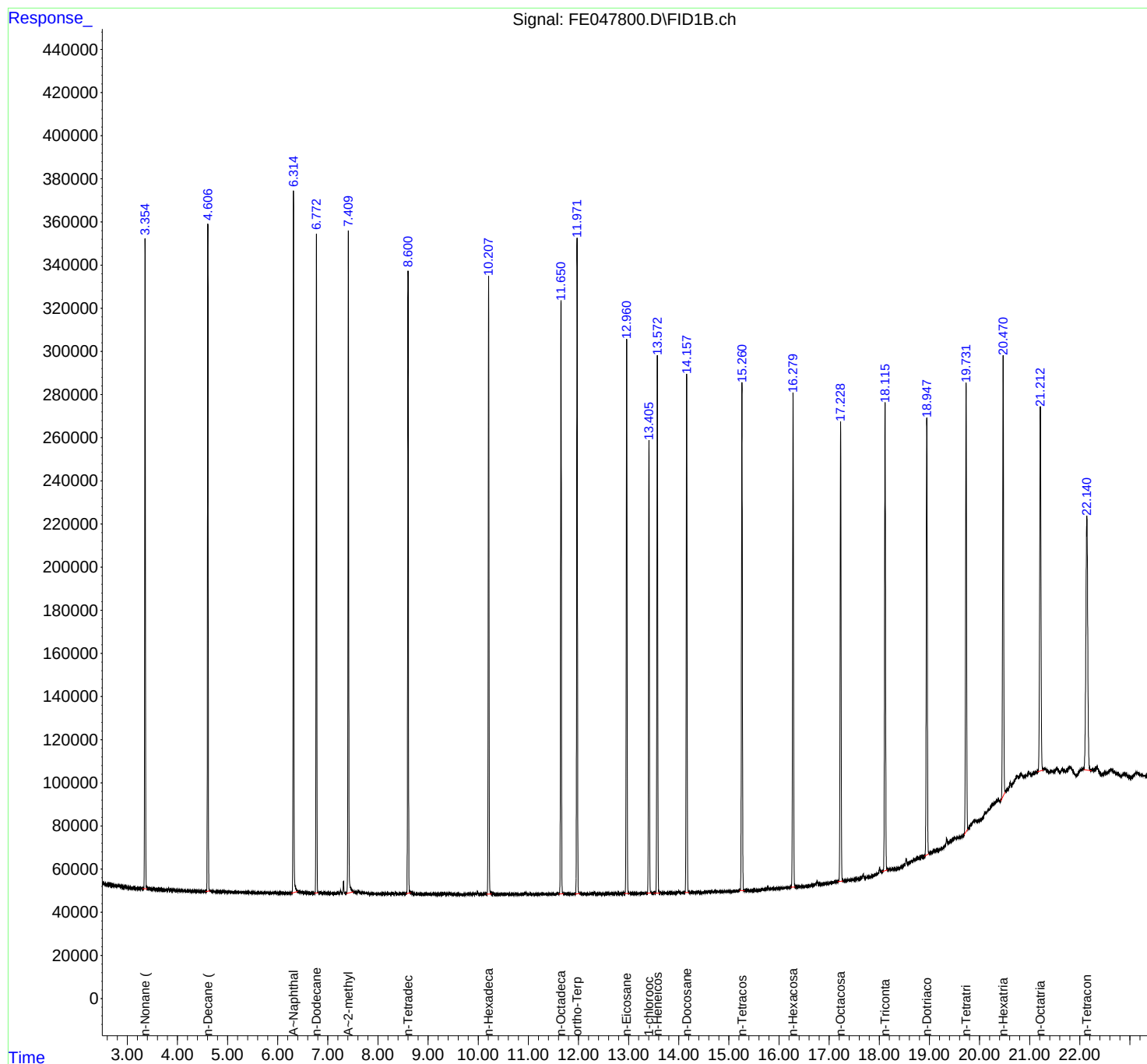
(m)=manual int.

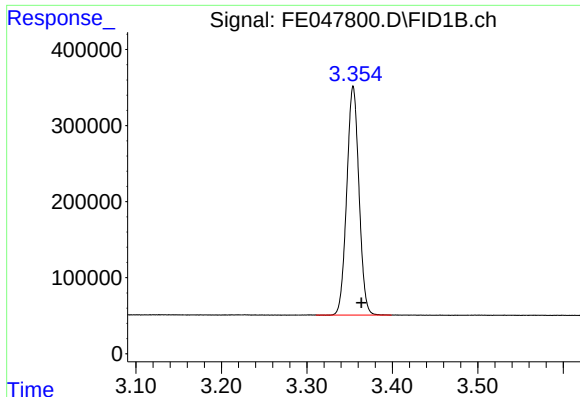
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042524AL\
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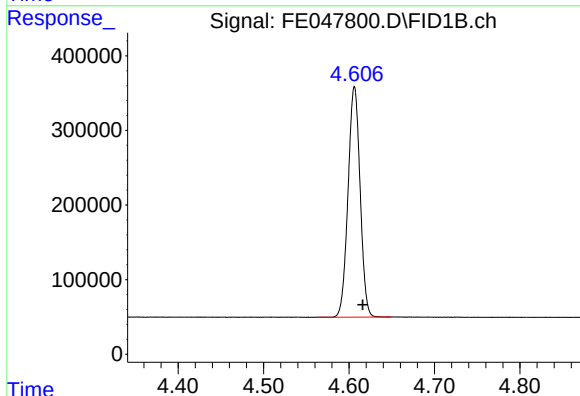




#1 n-Nonane (C9)

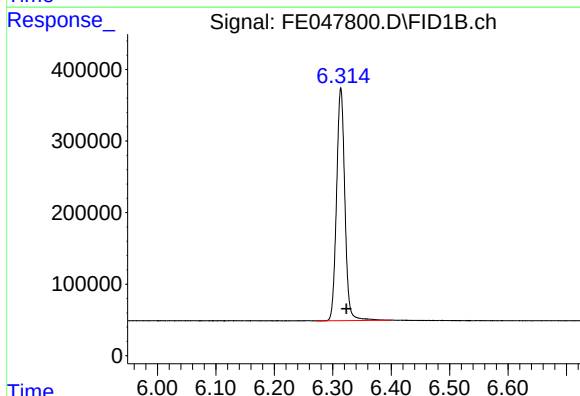
R.T.: 3.354 min
Delta R.T.: -0.010 min
Response: 2986221
Conc: 19.09 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



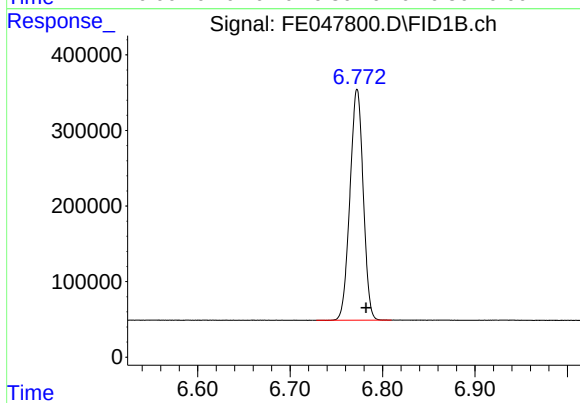
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: -0.010 min
Response: 3033647
Conc: 18.88 ug/ml



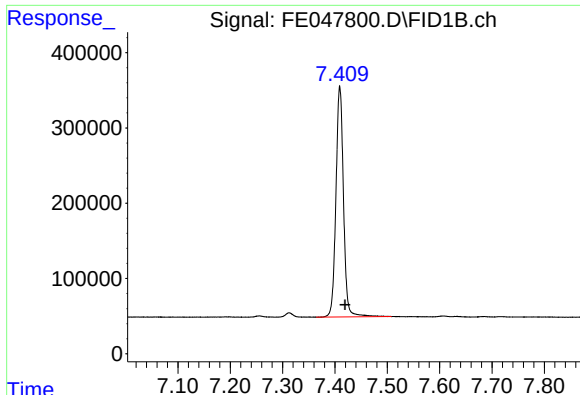
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.010 min
Response: 3203843
Conc: 18.90 ug/ml



#4 n-Dodecane (C12)

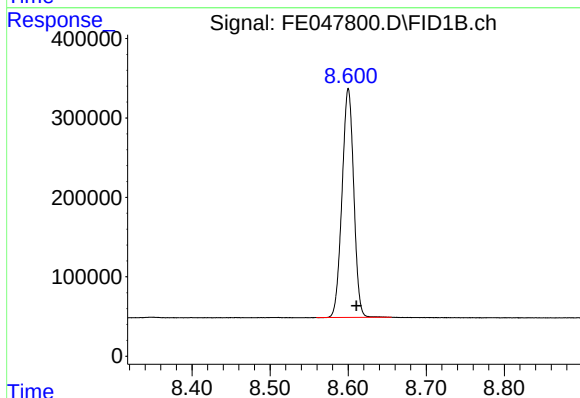
R.T.: 6.773 min
Delta R.T.: -0.010 min
Response: 3045017
Conc: 18.76 ug/ml



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

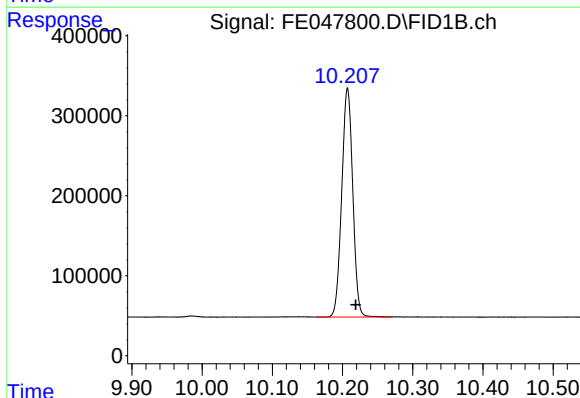
R.T.: 7.409 min
Delta R.T.: -0.010 min
Response: 3081740
Conc: 18.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



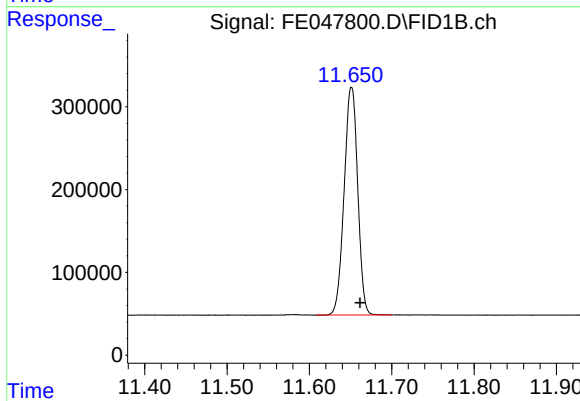
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.010 min
Response: 3010655
Conc: 18.71 ug/ml



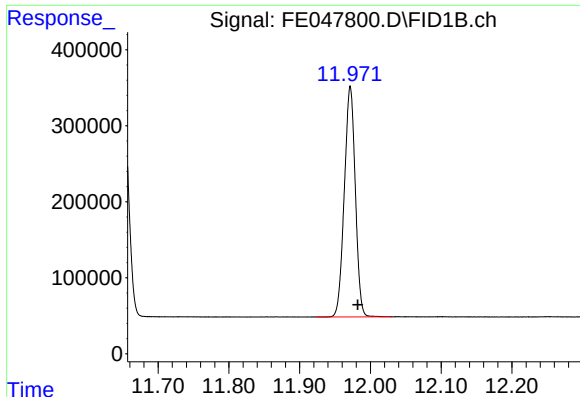
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.011 min
Response: 3120496
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

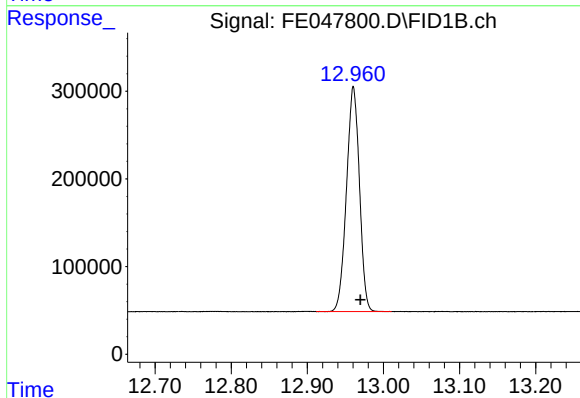
R.T.: 11.651 min
Delta R.T.: -0.010 min
Response: 3151975
Conc: 18.80 ug/ml



#9 ortho-Terphenyl (SURR)

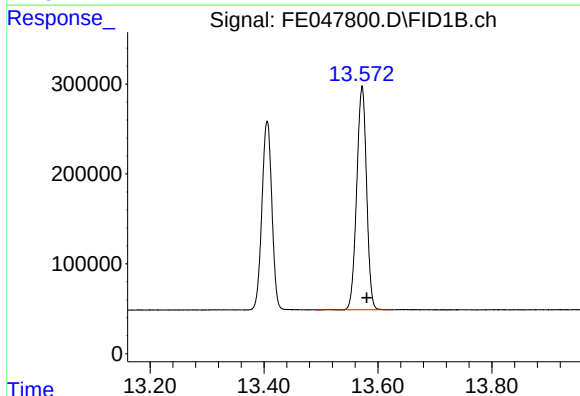
R.T.: 11.972 min
Delta R.T.: -0.010 min
Response: 3272524
Conc: 18.87 ug/ml

Instrument :
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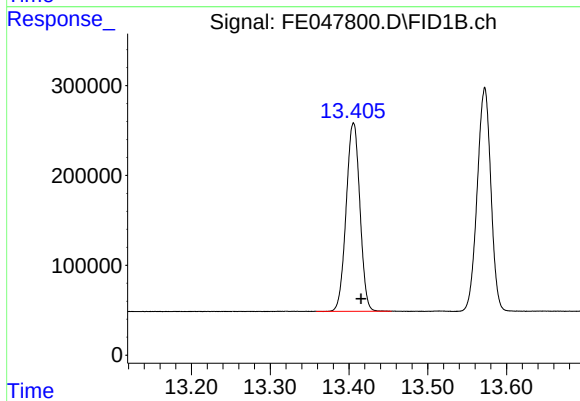
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.009 min
Response: 3037991
Conc: 18.75 ug/ml



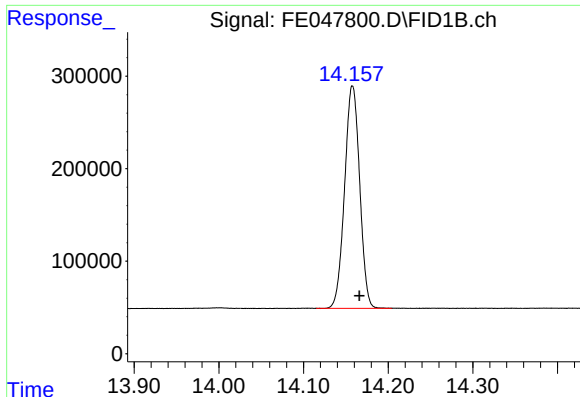
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.008 min
Response: 2995837
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

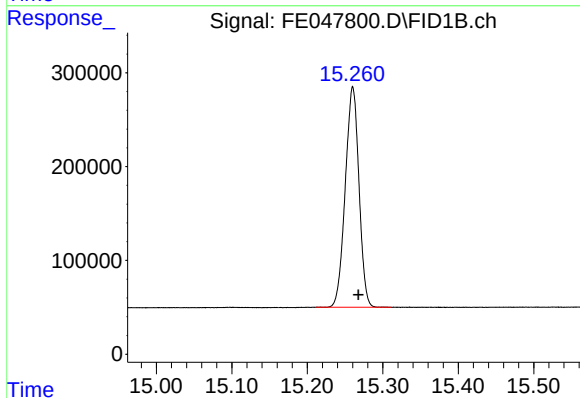
R.T.: 13.406 min
Delta R.T.: -0.009 min
Response: 2535105
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

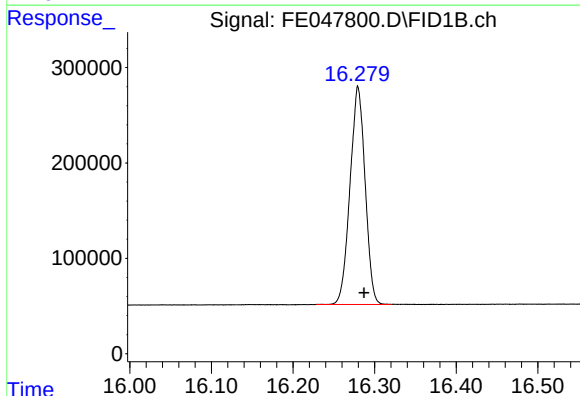
R.T.: 14.158 min
Delta R.T.: -0.008 min
Response: 2975424
Conc: 18.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



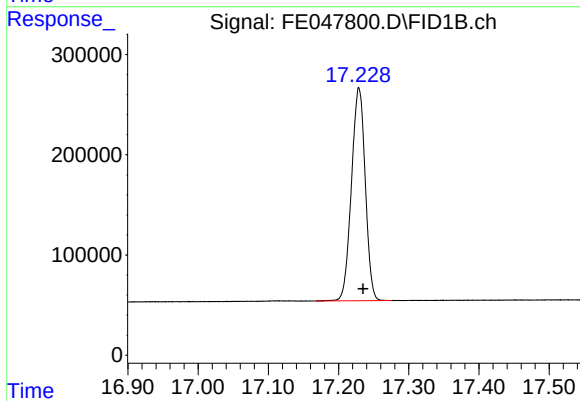
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: -0.007 min
Response: 2968342
Conc: 17.98 ug/ml



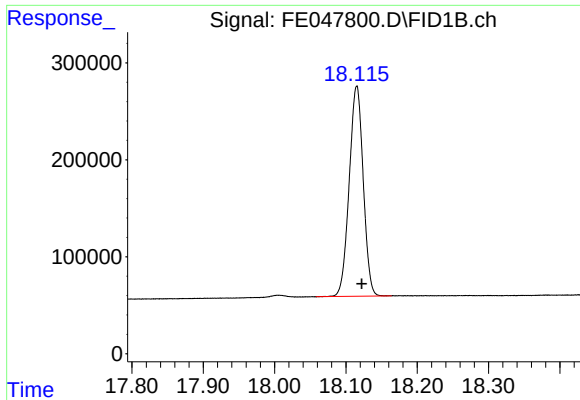
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.007 min
Response: 2935096
Conc: 17.76 ug/ml



#16 n-Octacosane (C28)

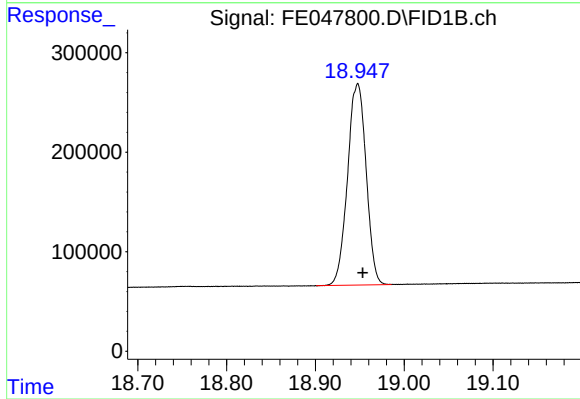
R.T.: 17.229 min
Delta R.T.: -0.006 min
Response: 2900323
Conc: 17.50 ug/ml



#17 n-Tricontane (C30)

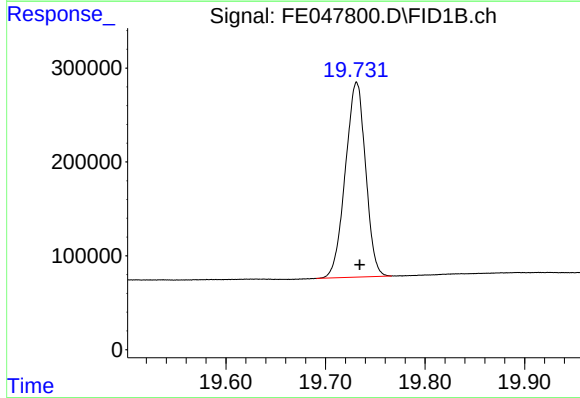
R.T.: 18.115 min
Delta R.T.: -0.007 min
Response: 2959663
Conc: 17.43 ug/ml

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20 PPM ALIPHATIC HC STD



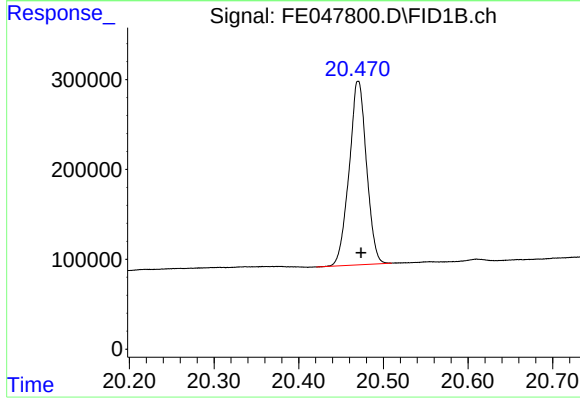
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: -0.006 min
Response: 2941461
Conc: 17.64 ug/ml



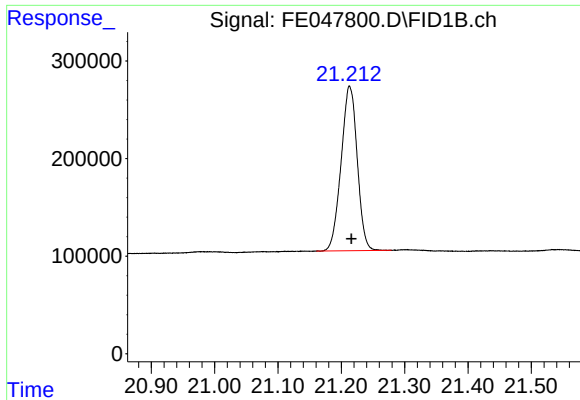
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.003 min
Response: 2930748
Conc: 18.27 ug/ml



#20 n-Hexatriacontane (C36)

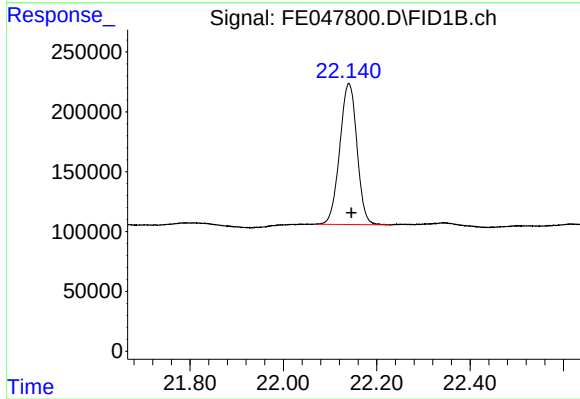
R.T.: 20.470 min
Delta R.T.: -0.004 min
Response: 2910732
Conc: 18.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: -0.003 min
Response: 2982804
Conc: 18.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: -0.006 min
Response: 3012962
Conc: 18.40 ug/ml