

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225AL\
 Data File : FF016531.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2025 00:23
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 03 04:48:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 04:46:15 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)	11.964	799934	5.802 ug/ml
Spiked Amount 50.000		Recovery =	11.60%
12) S 1-chlorooctadecane (S...	13.406	606347	5.643 ug/ml
Spiked Amount 50.000		Recovery =	11.29%
Target Compounds			
1) T n-Nonane (C9)	3.321	626035	5.568 ug/ml
2) T n-Decane (C10)	4.582	638017	5.576 ug/ml
3) T A~Naphthalene (C11.7)	6.293	668097	5.382 ug/ml
4) T n-Dodecane (C12)	6.760	644980	5.567 ug/ml
5) T A~2-methylnaphthalene...	7.393	631818	5.254 ug/ml
6) T n-Tetradecane (C14)	8.593	643377	5.584 ug/ml
7) T n-Hexadecane (C16)	10.202	684617	5.660 ug/ml
8) T n-Octadecane (C18)	11.648	714921	5.748 ug/ml
10) T n-Eicosane (C20)	12.960	726799	5.928 ug/ml
11) T n-Heneicosane (C21)	13.574	711475	5.860 ug/ml
13) T n-Docosane (C22)	14.162	743249	6.122 ug/ml
14) T n-Tetracosane (C24)	15.268	826795	6.757 ug/ml
15) T n-Hexacosane (C26)	16.293	842312	7.011 ug/ml
16) T n-Octacosane (C28)	17.246	856613	7.374 ug/ml
17) T n-Tricontane (C30)	18.137	885451	7.641 ug/ml
18) T n-Dotriacontane (C32)	18.973	906591	8.202 ug/ml
19) T n-Tetratriacontane (C34)	19.759	737998	7.406 ug/ml
20) T n-Hexatriacontane (C36)	20.502	605768	6.919 ug/ml
21) T n-Octatriacontane (C38)	21.261	515946	6.435 ug/ml
22) T n-Tetracontane (C40)	22.208	434400	5.719 ug/ml

(f)=RT Delta > 1/2 Window

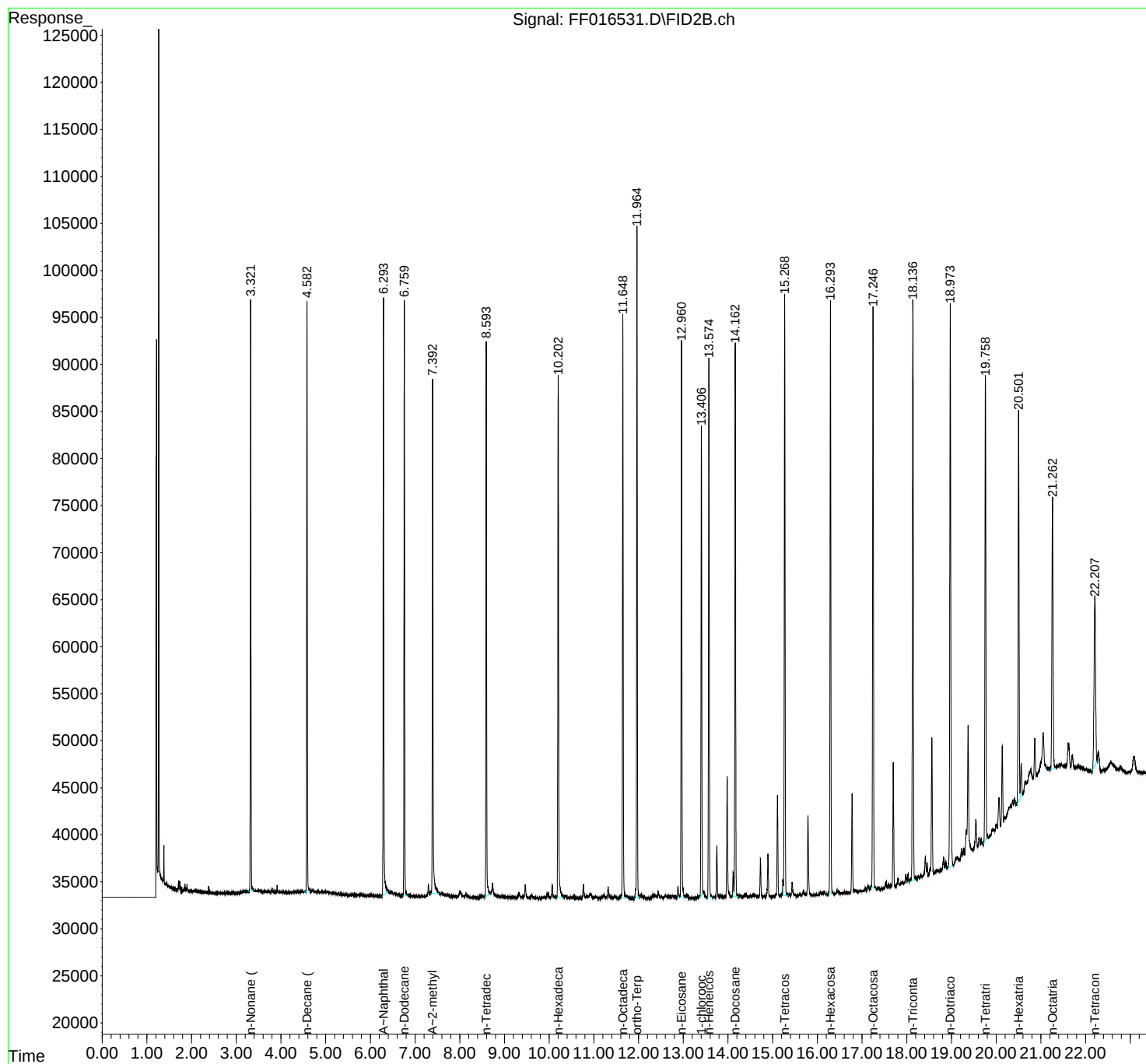
(m)=manual int.

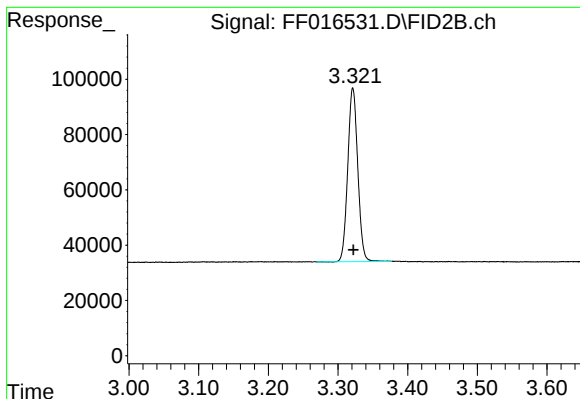
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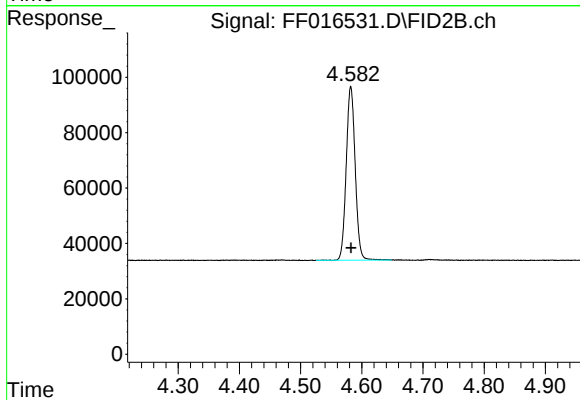




#1 n-Nonane (C9)

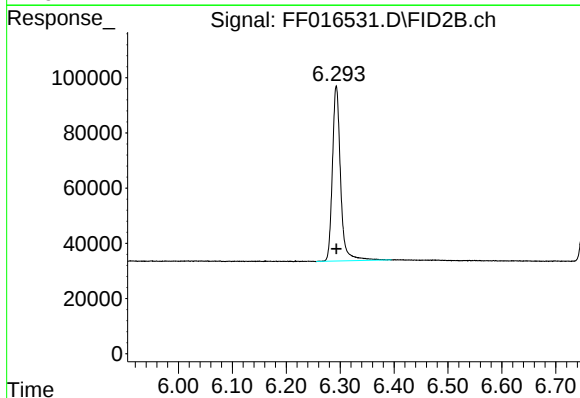
R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 626035
Conc: 5.57 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



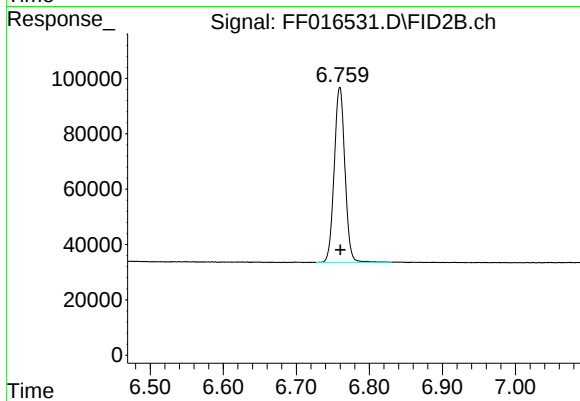
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 638017
Conc: 5.58 ug/ml



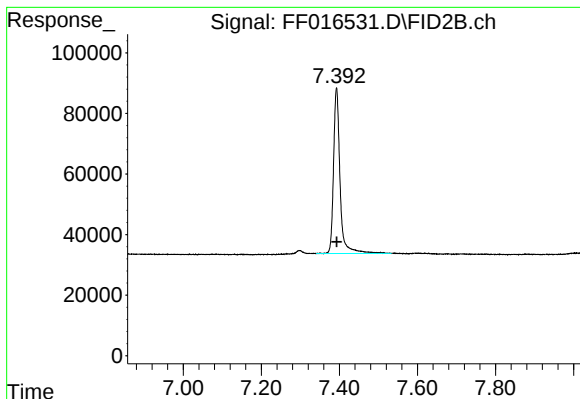
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 668097
Conc: 5.38 ug/ml



#4 n-Dodecane (C12)

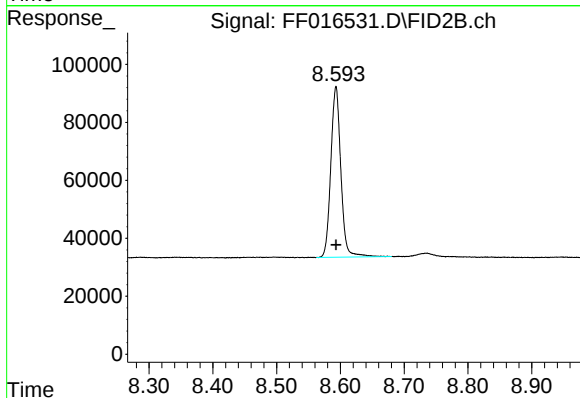
R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 644980
Conc: 5.57 ug/ml



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

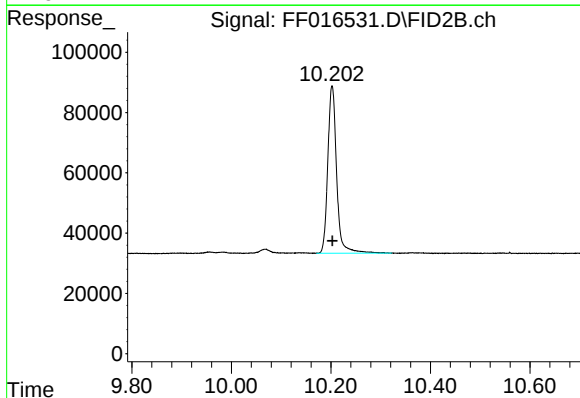
R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 631818
Conc: 5.25 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



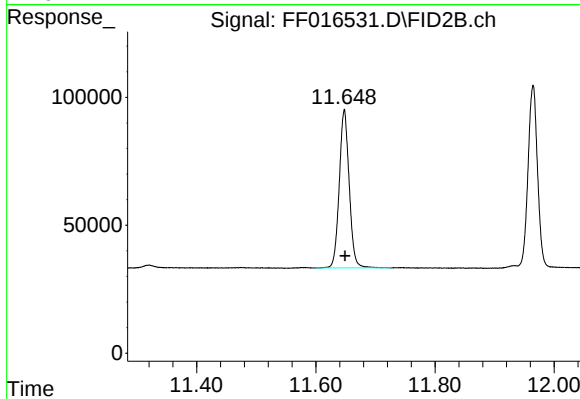
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 643377
Conc: 5.58 ug/ml



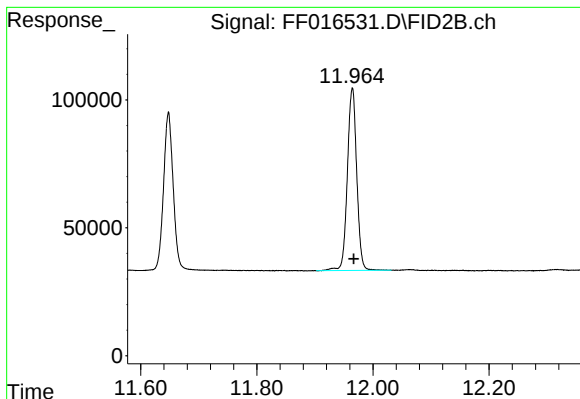
#7 n-Hexadecane (C16)

R.T.: 10.202 min
Delta R.T.: 0.000 min
Response: 684617
Conc: 5.66 ug/ml



#8 n-Octadecane (C18)

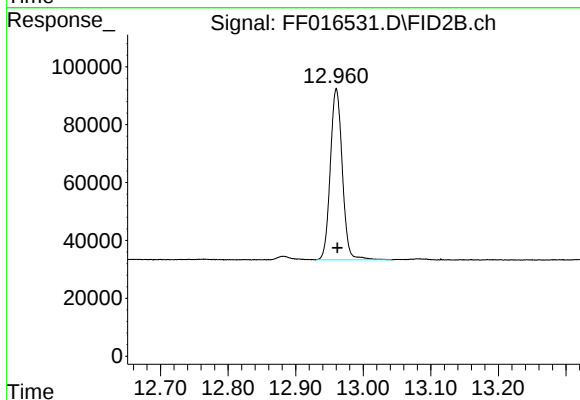
R.T.: 11.648 min
Delta R.T.: -0.002 min
Response: 714921
Conc: 5.75 ug/ml



#9 ortho-Terphenyl (SURR)

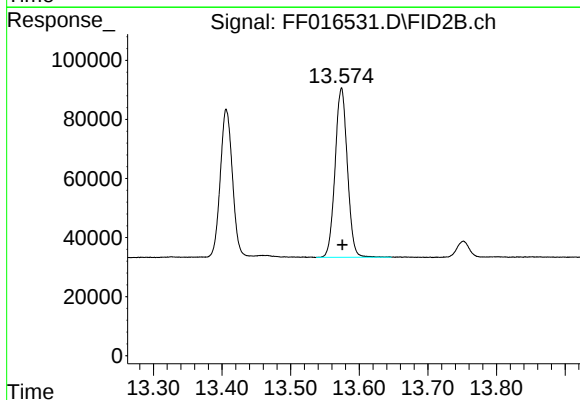
R.T.: 11.964 min
Delta R.T.: -0.002 min
Response: 799934
Conc: 5.80 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



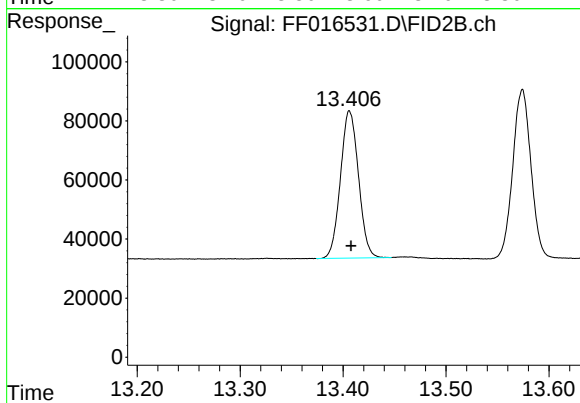
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.002 min
Response: 726799
Conc: 5.93 ug/ml



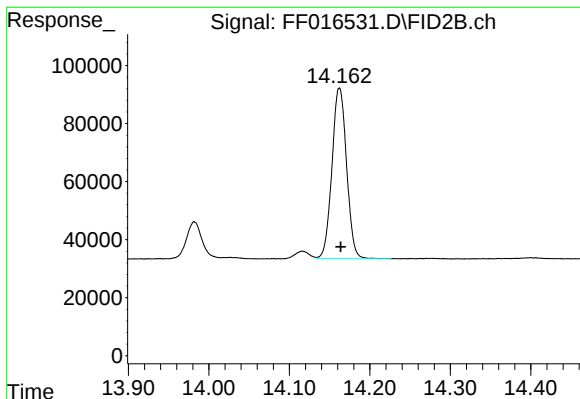
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.002 min
Response: 711475
Conc: 5.86 ug/ml



#12 1-chlorooctadecane (SURR)

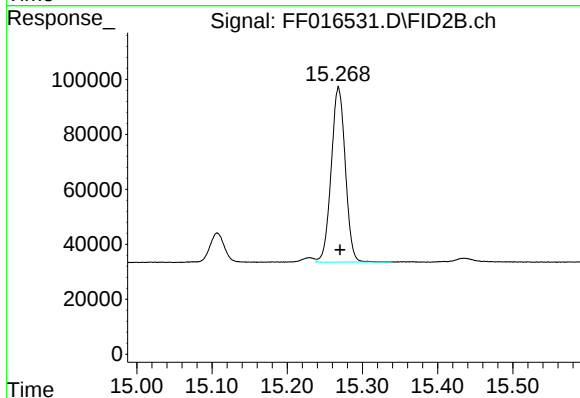
R.T.: 13.406 min
Delta R.T.: -0.001 min
Response: 606347
Conc: 5.64 ug/ml



#13 n-Docosane (C22)

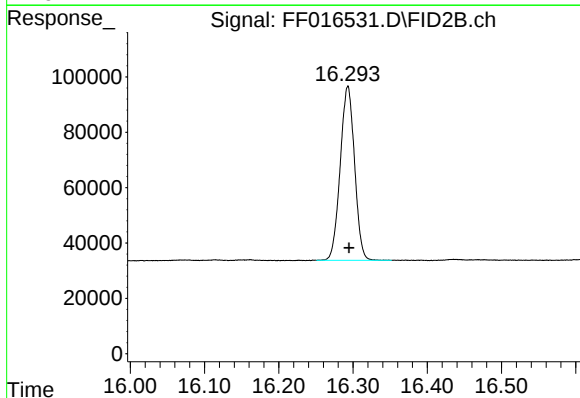
R.T.: 14.162 min
Delta R.T.: -0.002 min
Response: 743249
Conc: 6.12 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



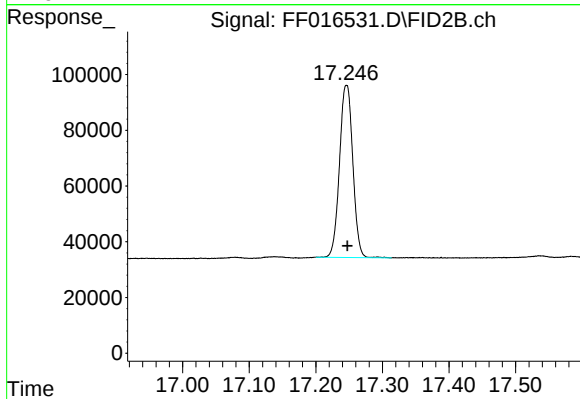
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: -0.002 min
Response: 826795
Conc: 6.76 ug/ml



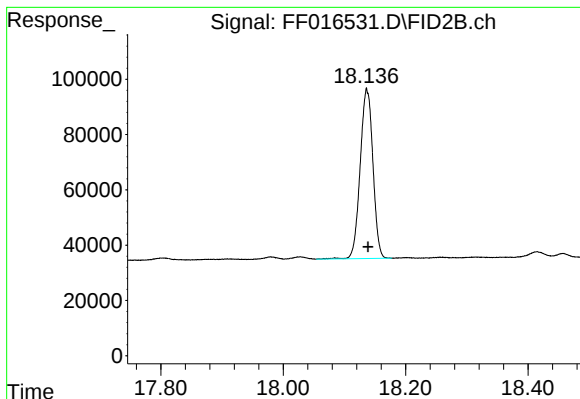
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: -0.002 min
Response: 842312
Conc: 7.01 ug/ml



#16 n-Octacosane (C28)

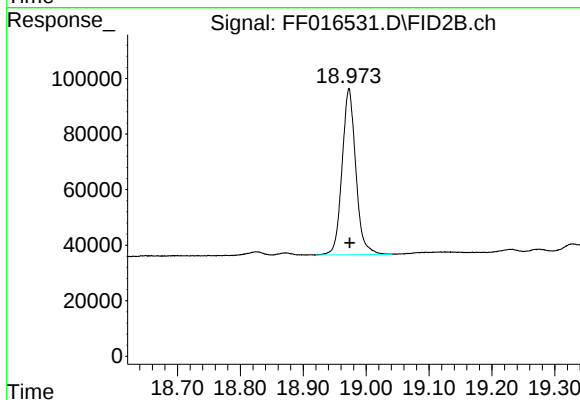
R.T.: 17.246 min
Delta R.T.: -0.001 min
Response: 856613
Conc: 7.37 ug/ml



#17 n-Tricontane (C30)

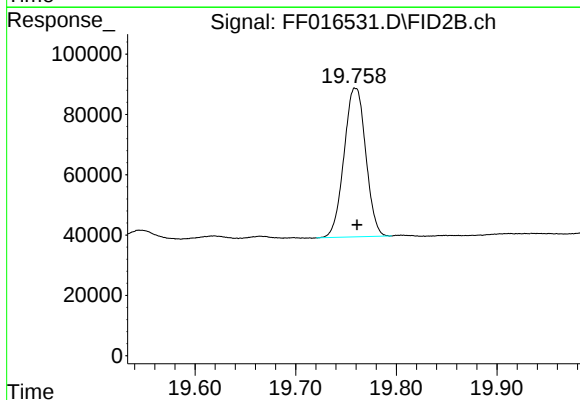
R.T.: 18.137 min
Delta R.T.: -0.002 min
Response: 885451
Conc: 7.64 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



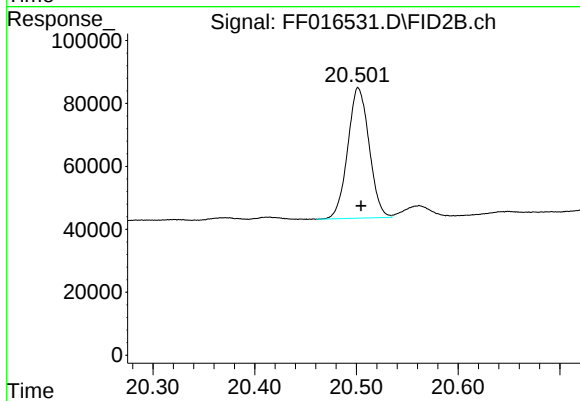
#18 n-Dotriacontane (C32)

R.T.: 18.973 min
Delta R.T.: -0.002 min
Response: 906591
Conc: 8.20 ug/ml



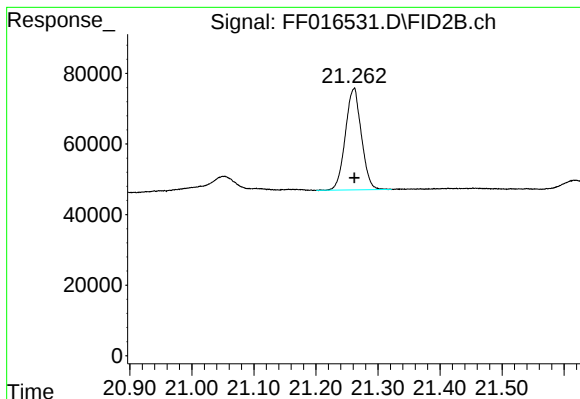
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: -0.002 min
Response: 737998
Conc: 7.41 ug/ml



#20 n-Hexatriacontane (C36)

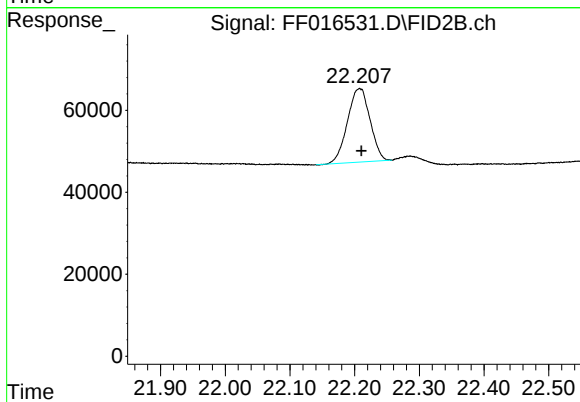
R.T.: 20.502 min
Delta R.T.: -0.002 min
Response: 605768
Conc: 6.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: 0.000 min
Response: 515946
Conc: 6.44 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.208 min
Delta R.T.: -0.003 min
Response: 434400
Conc: 5.72 ug/ml