

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102125AL\
 Data File : FF016589.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2025 12:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 22 13:17:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 05:49:41 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	2695284	18.636 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
12) S 1-chlorooctadecane (S...	13.406	1970042	17.662 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
Target Compounds			
1) T n-Nonane (C9)	3.316	2214964	18.945 ug/ml
2) T n-Decane (C10)	4.578	2282327	19.269 ug/ml
3) T A~Naphthalene (C11.7)	6.290	2384655	18.259 ug/ml
4) T n-Dodecane (C12)	6.757	2322045	19.345 ug/ml
5) T A~2-methylnaphthalene...	7.391	2269638	17.826 ug/ml
6) T n-Tetradecane (C14)	8.590	2302525	19.108 ug/ml
7) T n-Hexadecane (C16)	10.200	2414937	19.337 ug/ml
8) T n-Octadecane (C18)	11.647	2481189	19.155 ug/ml
10) T n-Eicosane (C20)	12.960	2433920	19.034 ug/ml
11) T n-Heneicosane (C21)	13.574	2382240	18.763 ug/ml
13) T n-Docosane (C22)	14.163	2431200	19.149 ug/ml
14) T n-Tetracosane (C24)	15.268	2549127	19.928 ug/ml
15) T n-Hexacosane (C26)	16.294	2528249	20.225 ug/ml
16) T n-Octacosane (C28)	17.248	2592325	21.158 ug/ml
17) T n-Tricontane (C30)	18.139	2844842	22.843 ug/ml
18) T n-Dotriacontane (C32)	18.976	2952140	24.493 ug/ml
19) T n-Tetratriacontane (C34)	19.763	2585734	23.712 ug/ml
20) T n-Hexatriacontane (C36)	20.506	2017417	21.615 ug/ml
21) T n-Octatriacontane (C38)	21.265	1533776	18.238 ug/ml
22) T n-Tetracontane (C40)	22.214	1096873	13.972 ug/ml

(f)=RT Delta > 1/2 Window

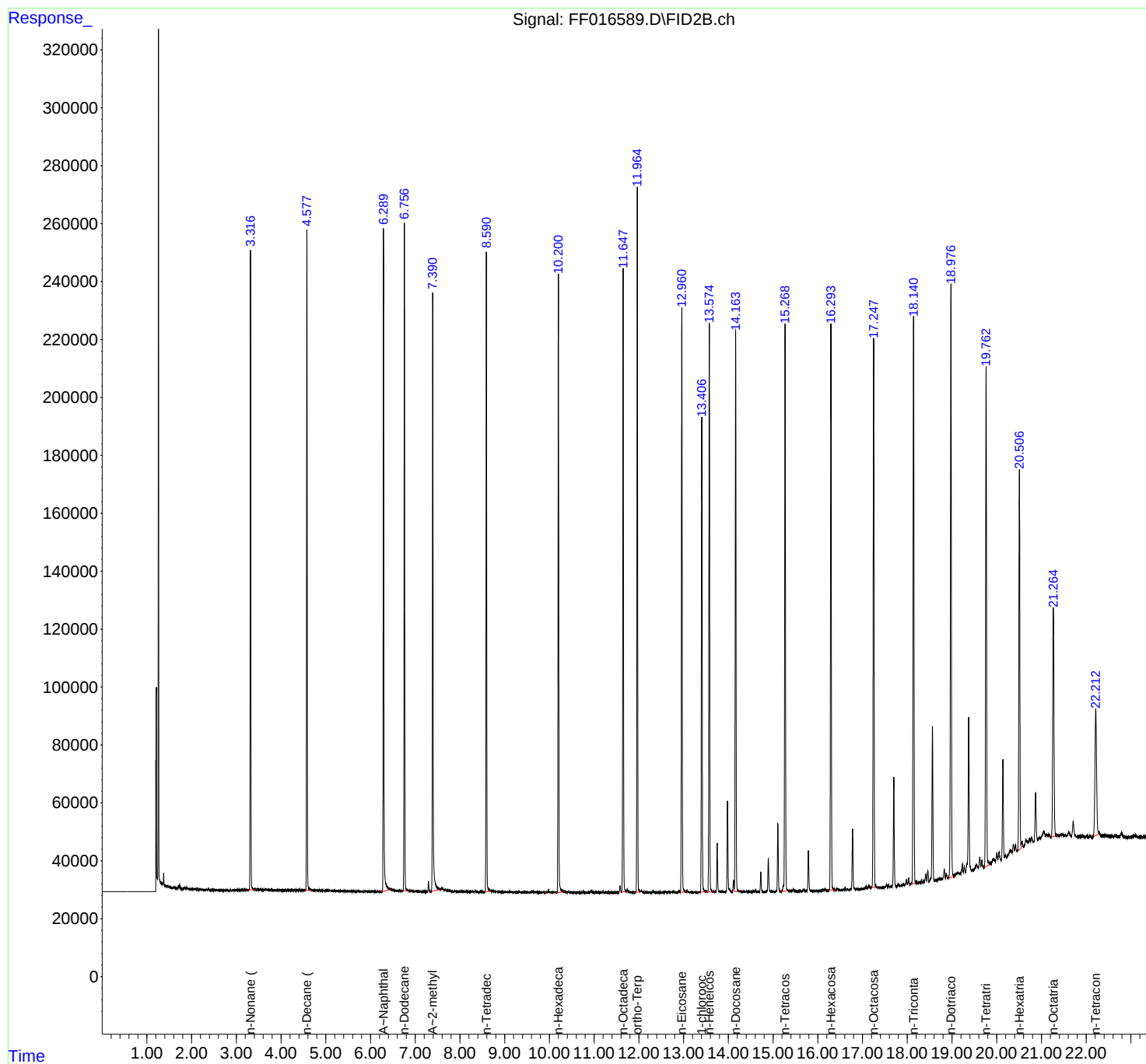
(m)=manual int.

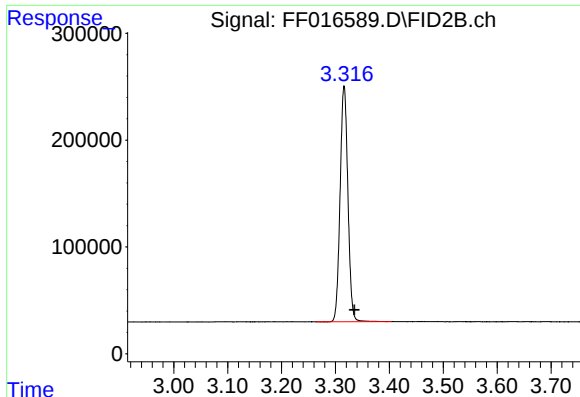
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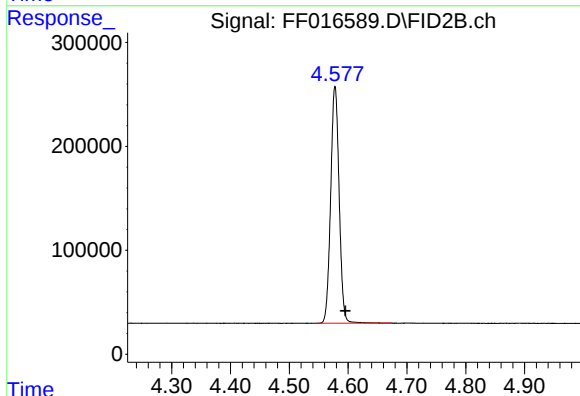




#1 n-Nonane (C9)

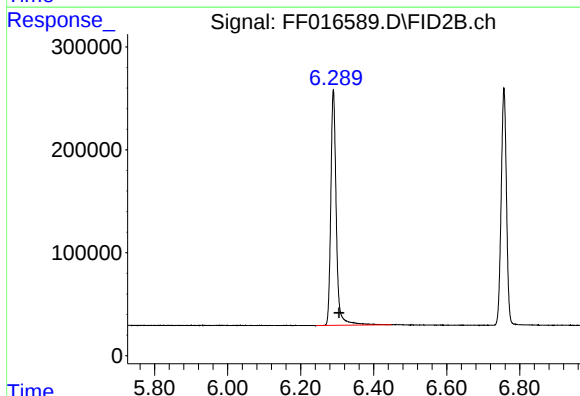
R.T.: 3.316 min
Delta R.T.: -0.019 min
Response: 2214964
Conc: 18.95 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



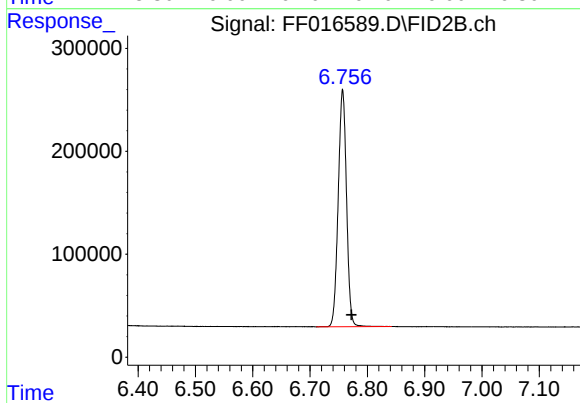
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.018 min
Response: 2282327
Conc: 19.27 ug/ml



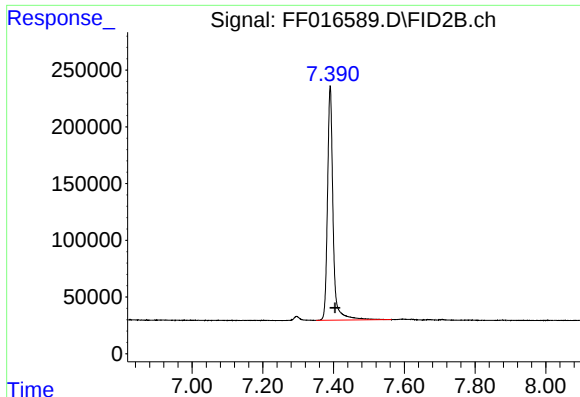
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.015 min
Response: 2384655
Conc: 18.26 ug/ml



#4 n-Dodecane (C12)

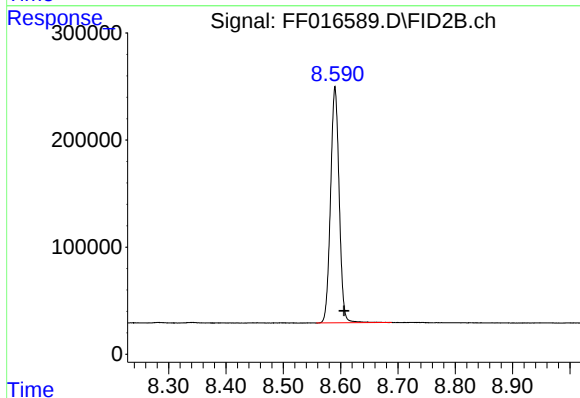
R.T.: 6.757 min
Delta R.T.: -0.015 min
Response: 2322045
Conc: 19.35 ug/ml



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

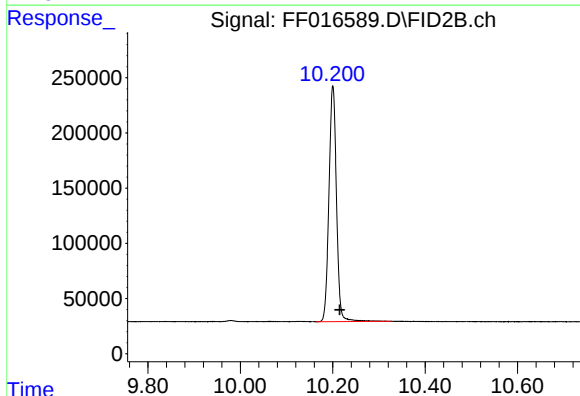
R.T.: 7.391 min
Delta R.T.: -0.014 min
Response: 2269638
Conc: 17.83 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



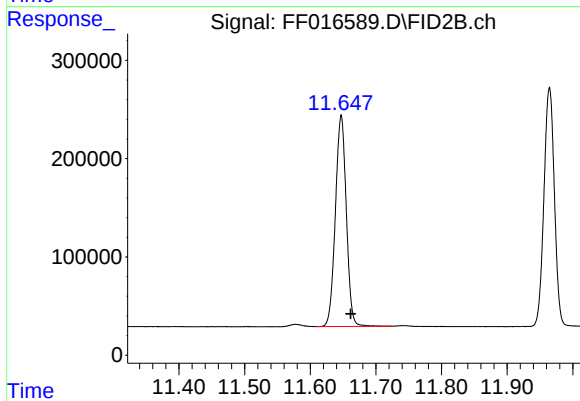
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.016 min
Response: 2302525
Conc: 19.11 ug/ml



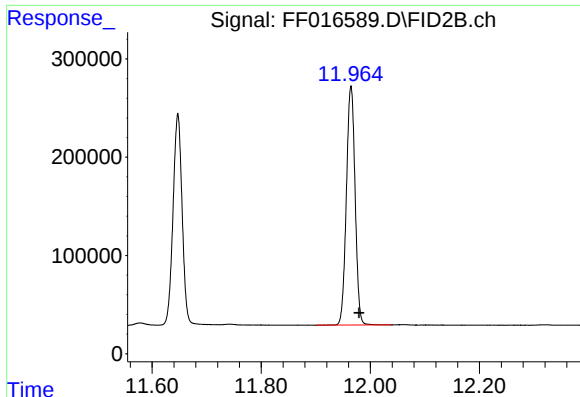
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.015 min
Response: 2414937
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

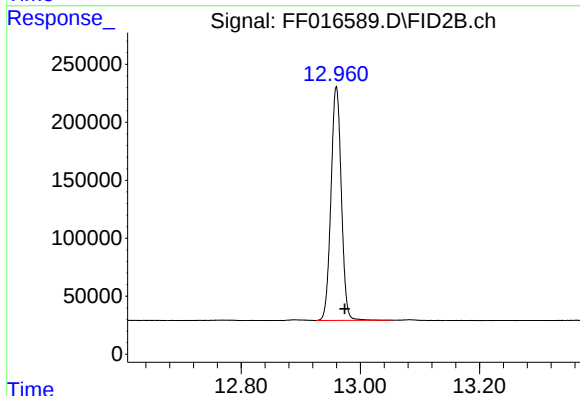
R.T.: 11.647 min
Delta R.T.: -0.015 min
Response: 2481189
Conc: 19.15 ug/ml



#9 ortho-Terphenyl (SURR)

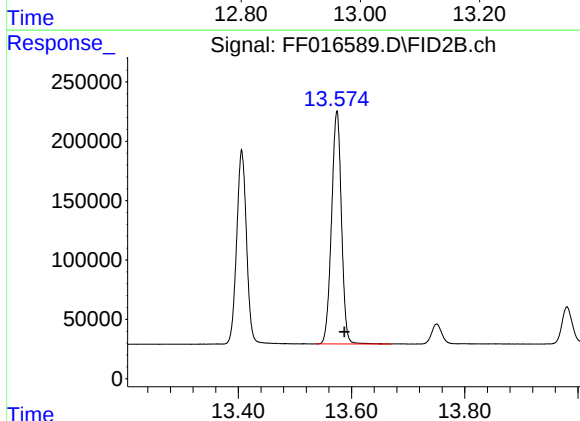
R.T.: 11.964 min
Delta R.T.: -0.015 min
Response: 2695284
Conc: 18.64 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



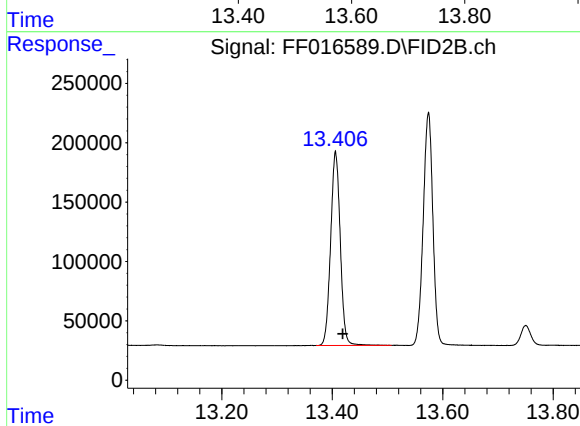
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.014 min
Response: 2433920
Conc: 19.03 ug/ml



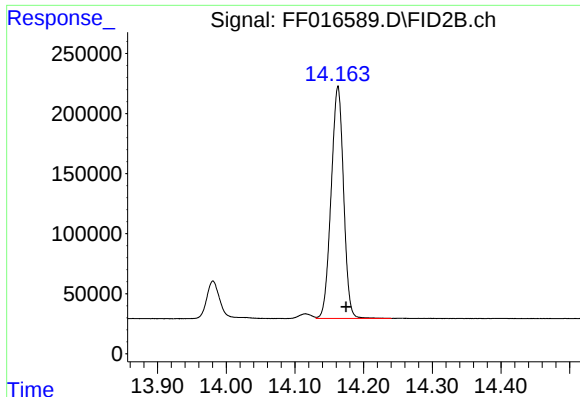
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.013 min
Response: 2382240
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

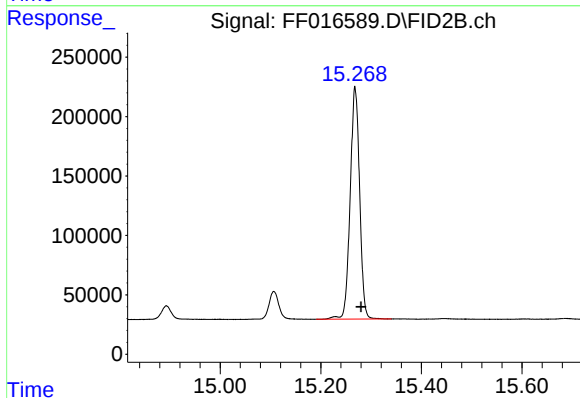
R.T.: 13.406 min
Delta R.T.: -0.013 min
Response: 1970042
Conc: 17.66 ug/ml



#13 n-Docosane (C22)

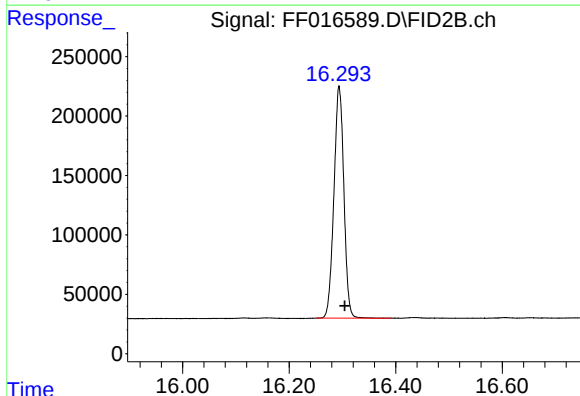
R.T.: 14.163 min
Delta R.T.: -0.012 min
Response: 2431200
Conc: 19.15 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



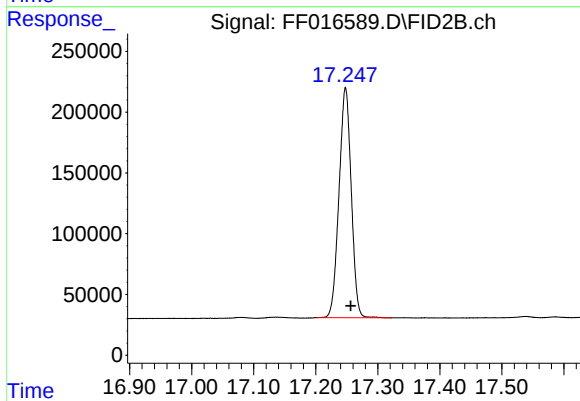
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: -0.012 min
Response: 2549127
Conc: 19.93 ug/ml



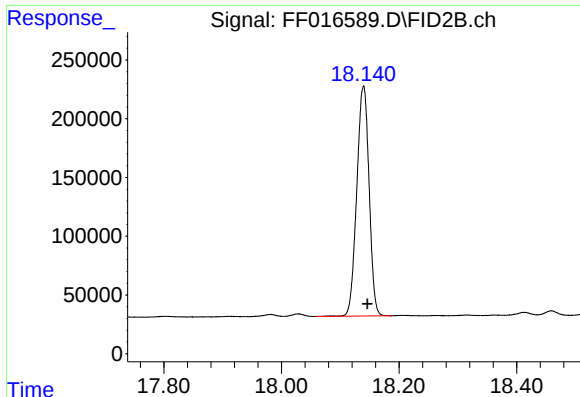
#15 n-Hexacosane (C26)

R.T.: 16.294 min
Delta R.T.: -0.010 min
Response: 2528249
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

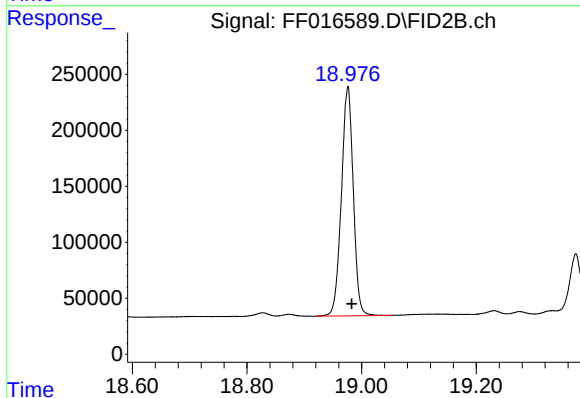
R.T.: 17.248 min
Delta R.T.: -0.008 min
Response: 2592325
Conc: 21.16 ug/ml



#17 n-Tricontane (C30)

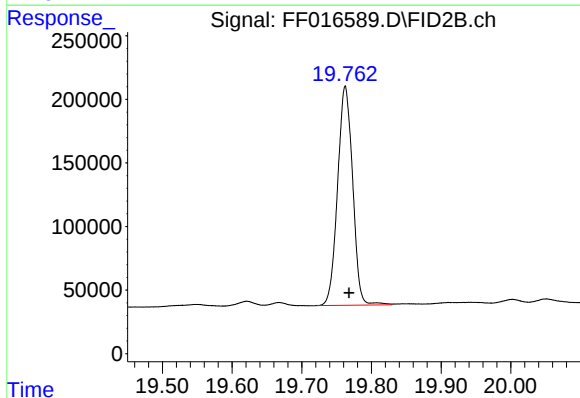
R.T.: 18.139 min
Delta R.T.: -0.007 min
Response: 2844842
Conc: 22.84 ug/ml

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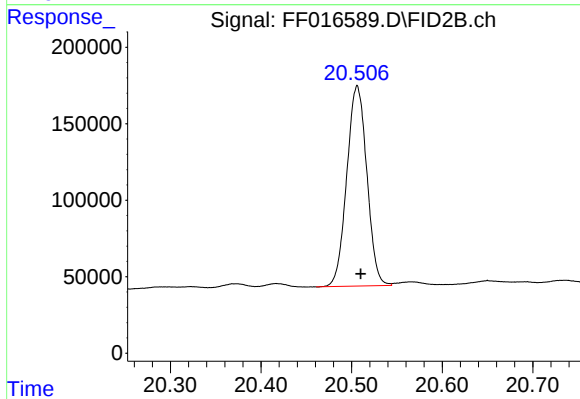
#18 n-Dotriacontane (C32)

R.T.: 18.976 min
Delta R.T.: -0.007 min
Response: 2952140
Conc: 24.49 ug/ml



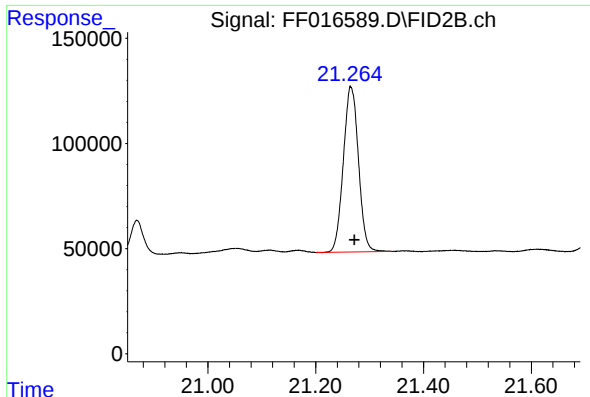
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: -0.006 min
Response: 2585734
Conc: 23.71 ug/ml



#20 n-Hexatriacontane (C36)

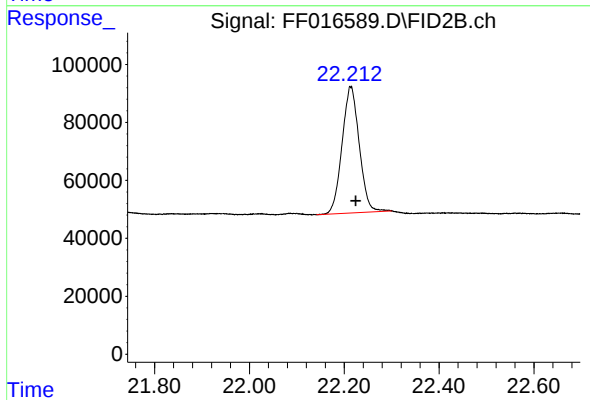
R.T.: 20.506 min
Delta R.T.: -0.004 min
Response: 2017417
Conc: 21.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.265 min
Delta R.T.: -0.006 min
Response: 1533776
Conc: 18.24 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.214 min
Delta R.T.: -0.011 min
Response: 1096873
Conc: 13.97 ug/ml