

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013175.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 13:41
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 10 16:02:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:01:11 2023
 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)	11.890	672472	5.143 ug/ml
Spiked Amount 50.000		Recovery =	10.29%
12) S 1-chlorooctadecane (S...	13.330	510441	5.123 ug/ml
Spiked Amount 50.000		Recovery =	10.25%
Target Compounds			
1) T n-Nonane (C9)	3.283	522067	5.117 ug/ml
2) T n-Decane (C10)	4.537	521835	5.102 ug/ml
3) T A~Naphthalene (C11.7)	6.235	576930	5.101 ug/ml
4) T n-Dodecane (C12)	6.702	526652	5.100 ug/ml
5) T A~2-methylnaphthalene...	7.328	576173	5.092 ug/ml
6) T n-Tetradecane (C14)	8.527	528292	5.138 ug/ml
7) T n-Hexadecane (C16)	10.134	528420	5.116 ug/ml
8) T n-Octadecane (C18)	11.576	534193	5.114 ug/ml
10) T n-Eicosane (C20)	12.886	535978	5.135 ug/ml
11) T n-Heneicosane (C21)	13.498	536691	5.140 ug/ml
13) T n-Docosane (C22)	14.085	536666	5.142 ug/ml
14) T n-Tetracosane (C24)	15.187	538129	5.156 ug/ml
15) T n-Hexacosane (C26)	16.208	536674	5.172 ug/ml
16) T n-Octacosane (C28)	17.156	534065	5.221 ug/ml
17) T n-Tricontane (C30)	18.043	556412	5.417 ug/ml
18) T n-Dotriacontane (C32)	18.874	634761	6.053 ug/ml
19) T n-Tetratriacontane (C34)	19.657	555953	5.587 ug/ml
20) T n-Hexatriacontane (C36)	20.394	538148	5.395 ug/ml
21) T n-Octatriacontane (C38)	21.124	501094	5.202 ug/ml
22) T n-Tetracontane (C40)	22.023	488820	5.136 ug/ml

(f)=RT Delta > 1/2 Window

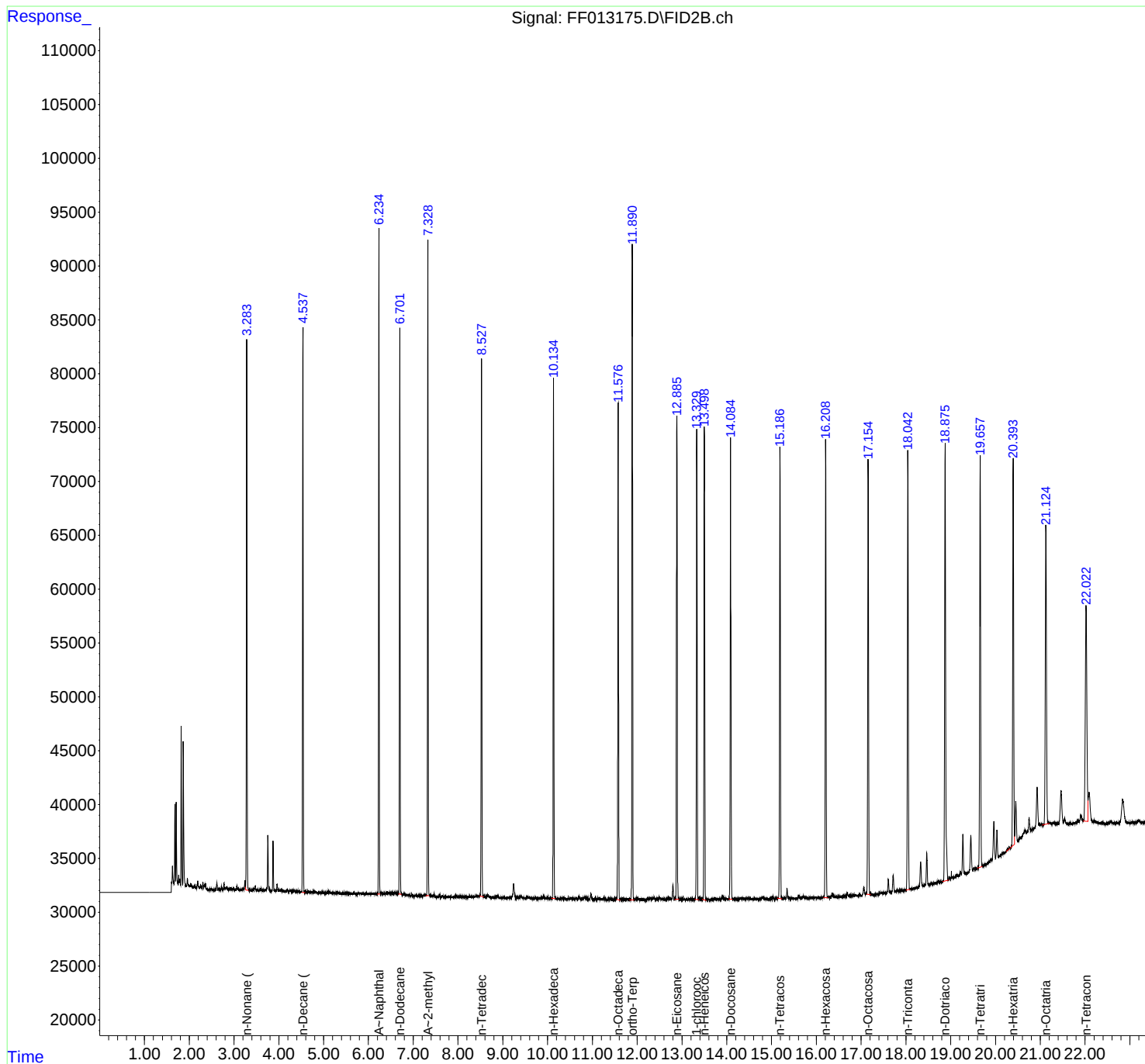
(m)=manual int.

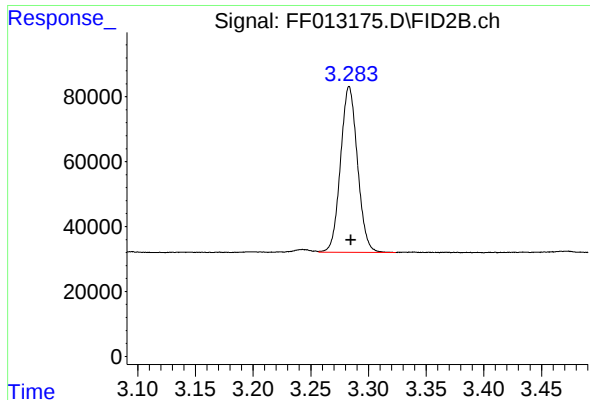
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
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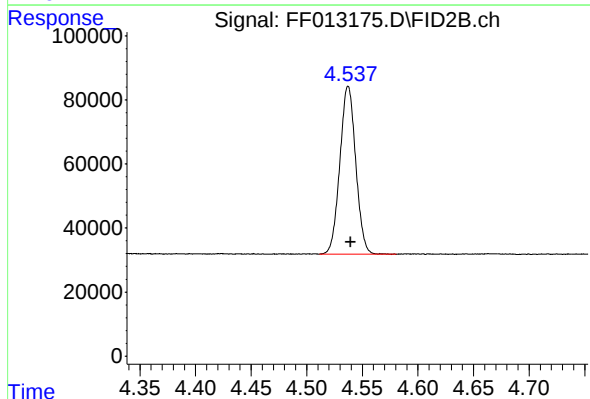




#1 n-Nonane (C9)

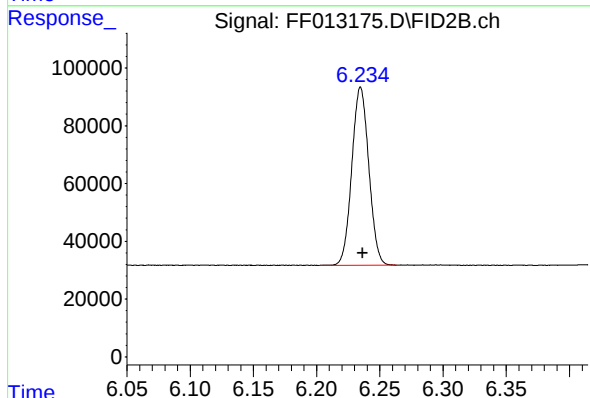
R.T.: 3.283 min
Delta R.T.: -0.002 min
Response: 522067
Conc: 5.12 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



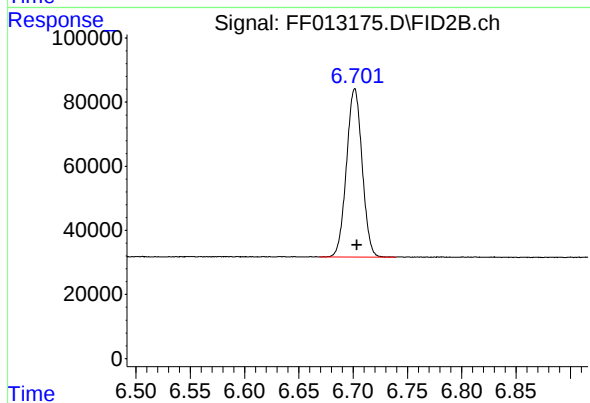
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.002 min
Response: 521835
Conc: 5.10 ug/ml



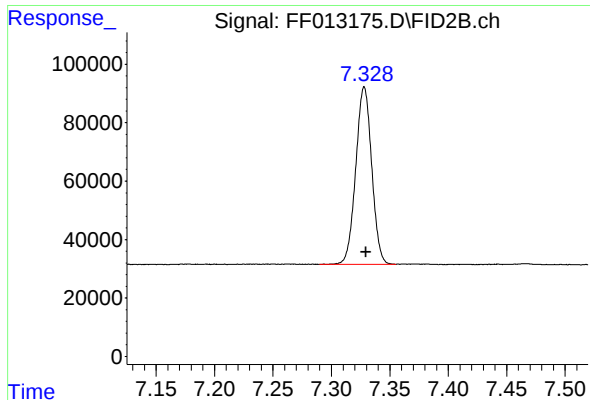
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.002 min
Response: 576930
Conc: 5.10 ug/ml



#4 n-Dodecane (C12)

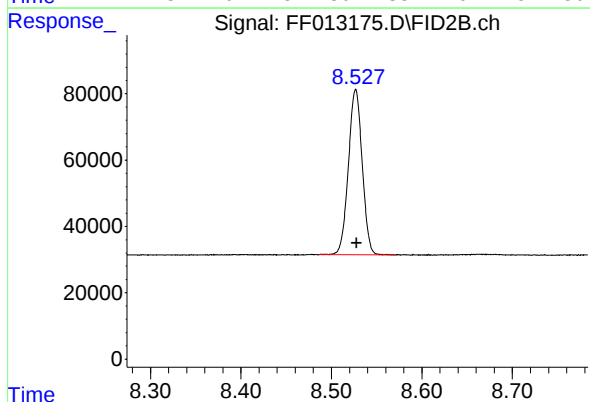
R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 526652
Conc: 5.10 ug/ml



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

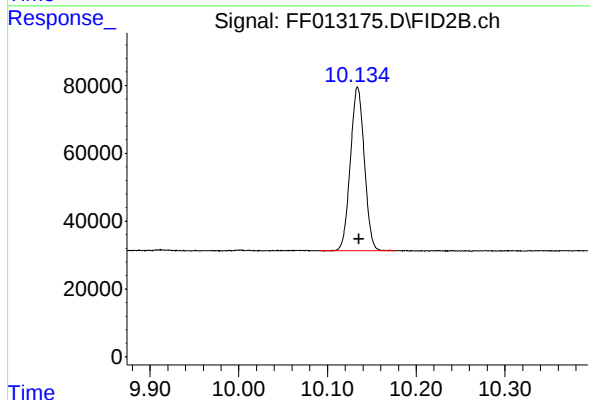
R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 576173
Conc: 5.09 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



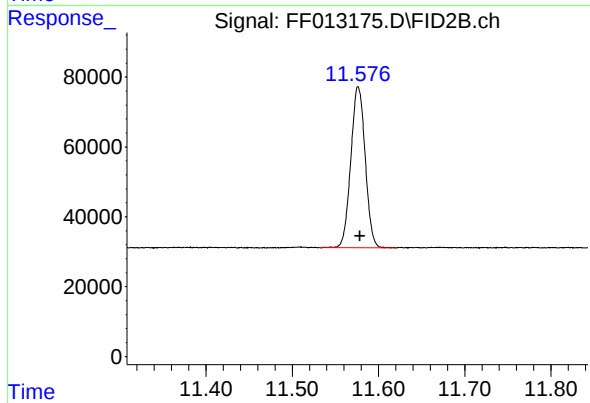
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 528292
Conc: 5.14 ug/ml



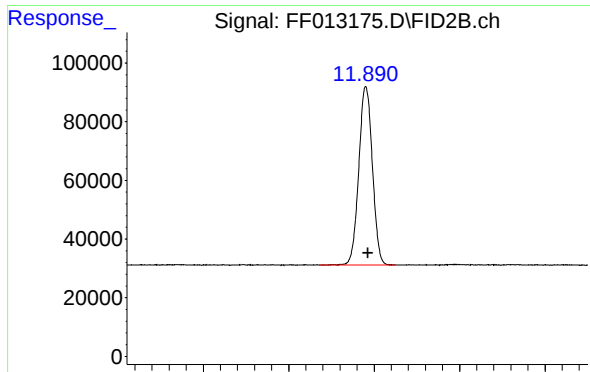
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.002 min
Response: 528420
Conc: 5.12 ug/ml



#8 n-Octadecane (C18)

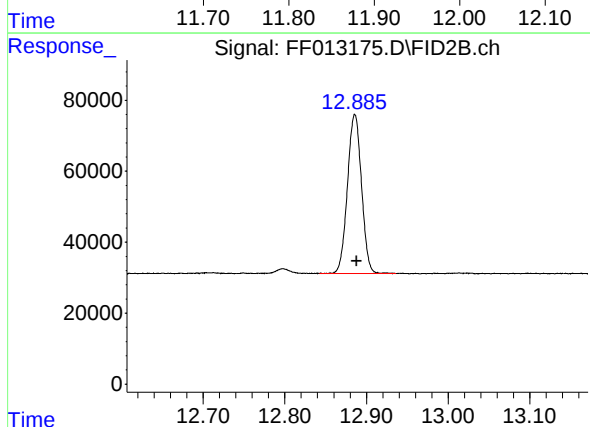
R.T.: 11.576 min
Delta R.T.: -0.002 min
Response: 534193
Conc: 5.11 ug/ml



#9 ortho-Terphenyl (SURR)

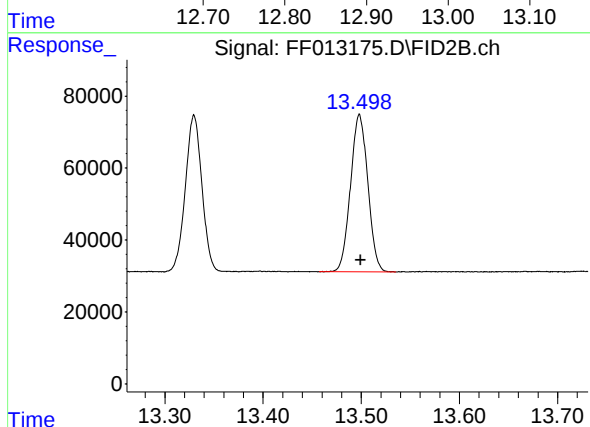
R.T.: 11.890 min
Delta R.T.: -0.003 min
Response: 672472
Conc: 5.14 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



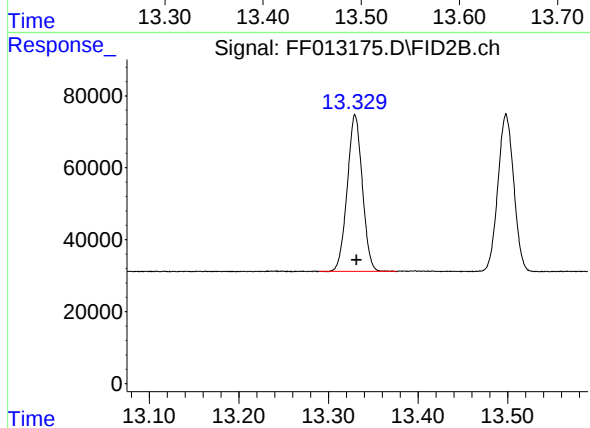
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.002 min
Response: 535978
Conc: 5.14 ug/ml



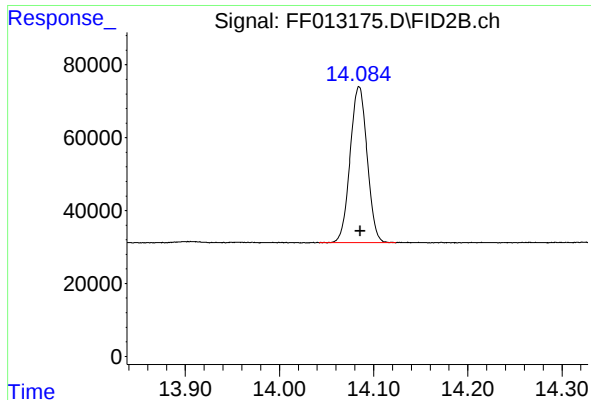
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.001 min
Response: 536691
Conc: 5.14 ug/ml



#12 1-chlorooctadecane (SURR)

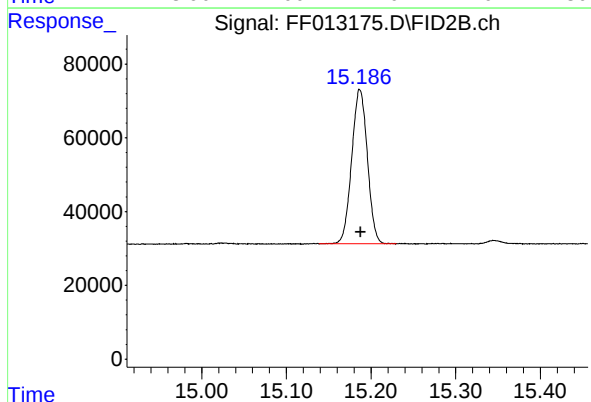
R.T.: 13.330 min
Delta R.T.: -0.002 min
Response: 510441
Conc: 5.12 ug/ml



#13 n-Docosane (C22)

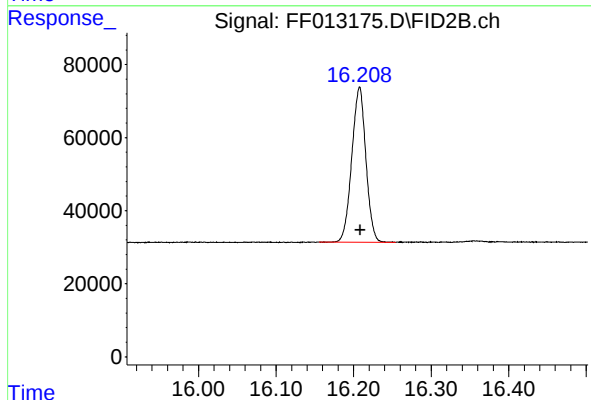
R.T.: 14.085 min
Delta R.T.: -0.001 min
Response: 536666
Conc: 5.14 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



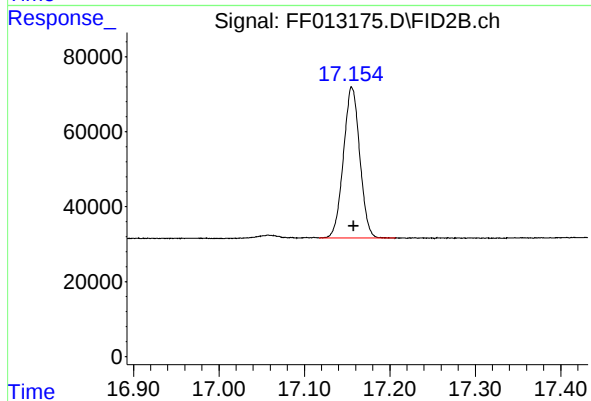
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: 0.000 min
Response: 538129
Conc: 5.16 ug/ml



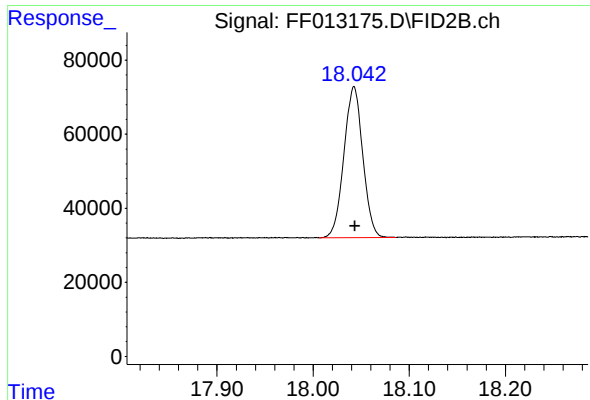
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: 0.000 min
Response: 536674
Conc: 5.17 ug/ml



#16 n-Octacosane (C28)

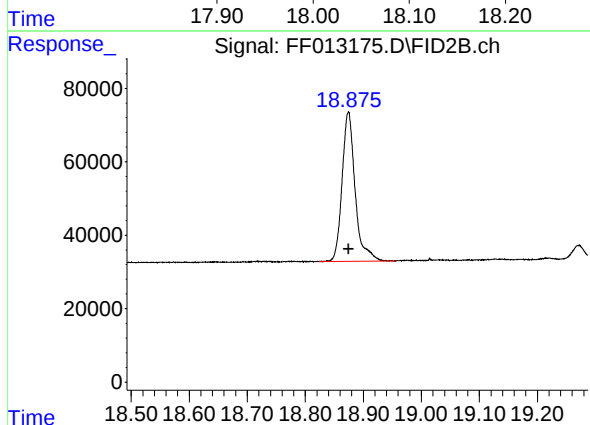
R.T.: 17.156 min
Delta R.T.: -0.002 min
Response: 534065
Conc: 5.22 ug/ml



#17 n-Tricontane (C30)

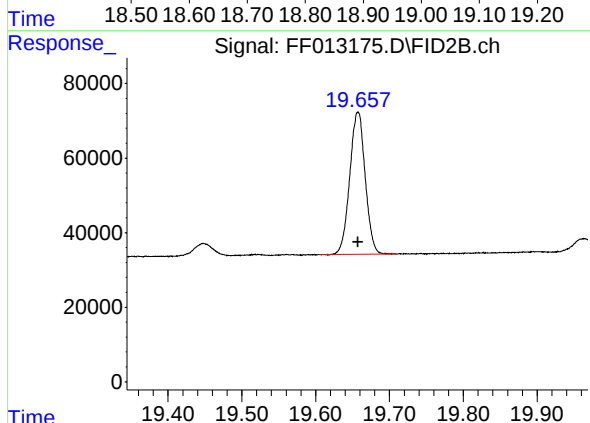
R.T.: 18.043 min
Delta R.T.: 0.000 min
Response: 556412
Conc: 5.42 ug/ml

Instrument :
FID_F
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5 PPM ALIPHATIC HC STD5



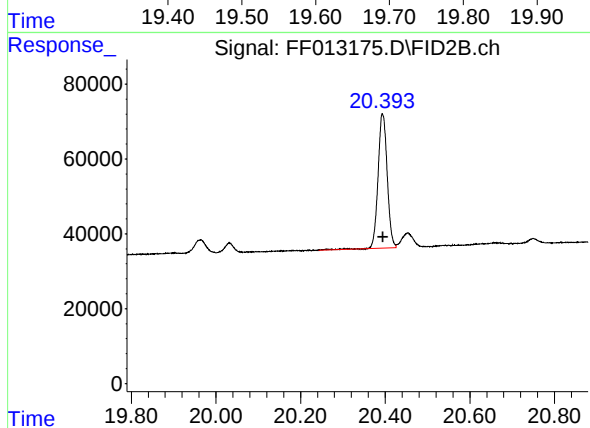
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: 0.000 min
Response: 634761
Conc: 6.05 ug/ml



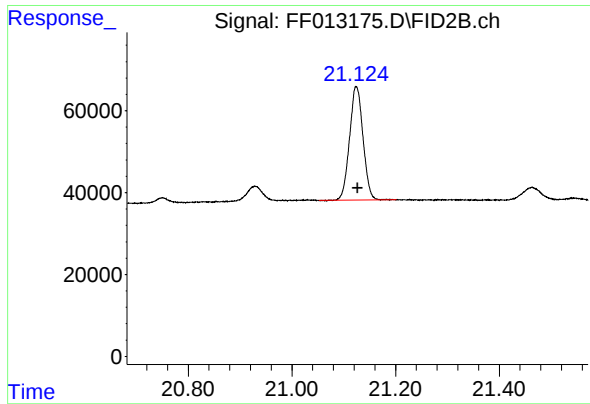
#19 n-Tetatriacontane (C34)

R.T.: 19.657 min
Delta R.T.: 0.000 min
Response: 555953
Conc: 5.59 ug/ml



#20 n-Hexatriacontane (C36)

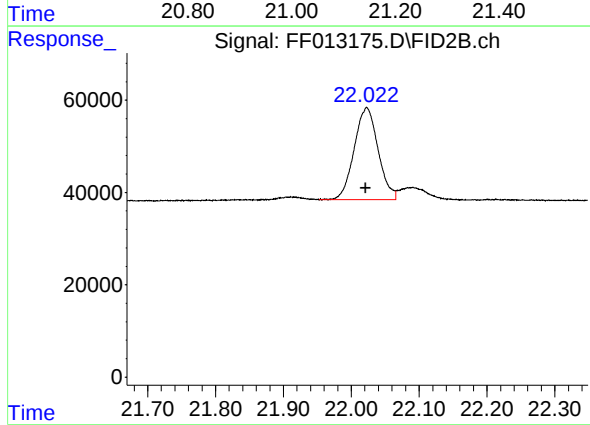
R.T.: 20.394 min
Delta R.T.: -0.002 min
Response: 538148
Conc: 5.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.003 min
Response: 501094
Conc: 5.20 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: 0.002 min
Response: 488820
Conc: 5.14 ug/ml