

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AL\
 Data File : FD035818.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2020 19:13
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 22 01:42:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:41:06 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.484	1377689	10.224 ug/ml
Spiked Amount 50.000		Recovery =	20.45%
12) S 1-chlorooctadecane (S...	12.917	1106308	10.239 ug/ml
Spiked Amount 50.000		Recovery =	20.48%
Target Compounds			
1) T n-Nonane (C9)	3.289	1169888	10.075 ug/ml
2) T n-Decane (C10)	4.348	1176117	10.050 ug/ml
3) T A~Naphthalene (C11.7)	5.927	1202379	9.623 ug/ml
4) T n-Dodecane (C12)	6.354	1225911	10.124 ug/ml
5) T A~2-methylnaphthalene...	6.979	1220011	9.582 ug/ml
6) T n-Tetradecane (C14)	8.141	1235818	10.143 ug/ml
7) T n-Hexadecane (C16)	9.735	1215937	10.147 ug/ml
8) T n-Octadecane (C18)	11.170	1285554	10.179 ug/ml
10) T n-Eicosane (C20)	12.475	1314267	10.306 ug/ml
11) T n-Heneicosane (C21)	13.082	1307402	10.274 ug/ml
13) T n-Docosane (C22)	13.667	1300637	10.260 ug/ml
14) T n-Tetracosane (C24)	14.765	1291198	10.261 ug/ml
15) T n-Hexacosane (C26)	15.780	1258505	10.254 ug/ml
16) T n-Octacosane (C28)	16.726	1227157	10.248 ug/ml
17) T n-Tricontane (C30)	17.608	1163723	10.211 ug/ml
18) T n-Dotriacontane (C32)	18.436	1053427	10.221 ug/ml
19) T n-Tetratriacontane (C34)	19.215	974533	10.229 ug/ml
20) T n-Hexatriacontane (C36)	19.950	896819	10.078 ug/ml
21) T n-Octatriacontane (C38)	20.664	858819	10.216 ug/ml
22) T n-Tetracontane (C40)	21.523	860333	10.059 ug/ml

(f)=RT Delta > 1/2 Window

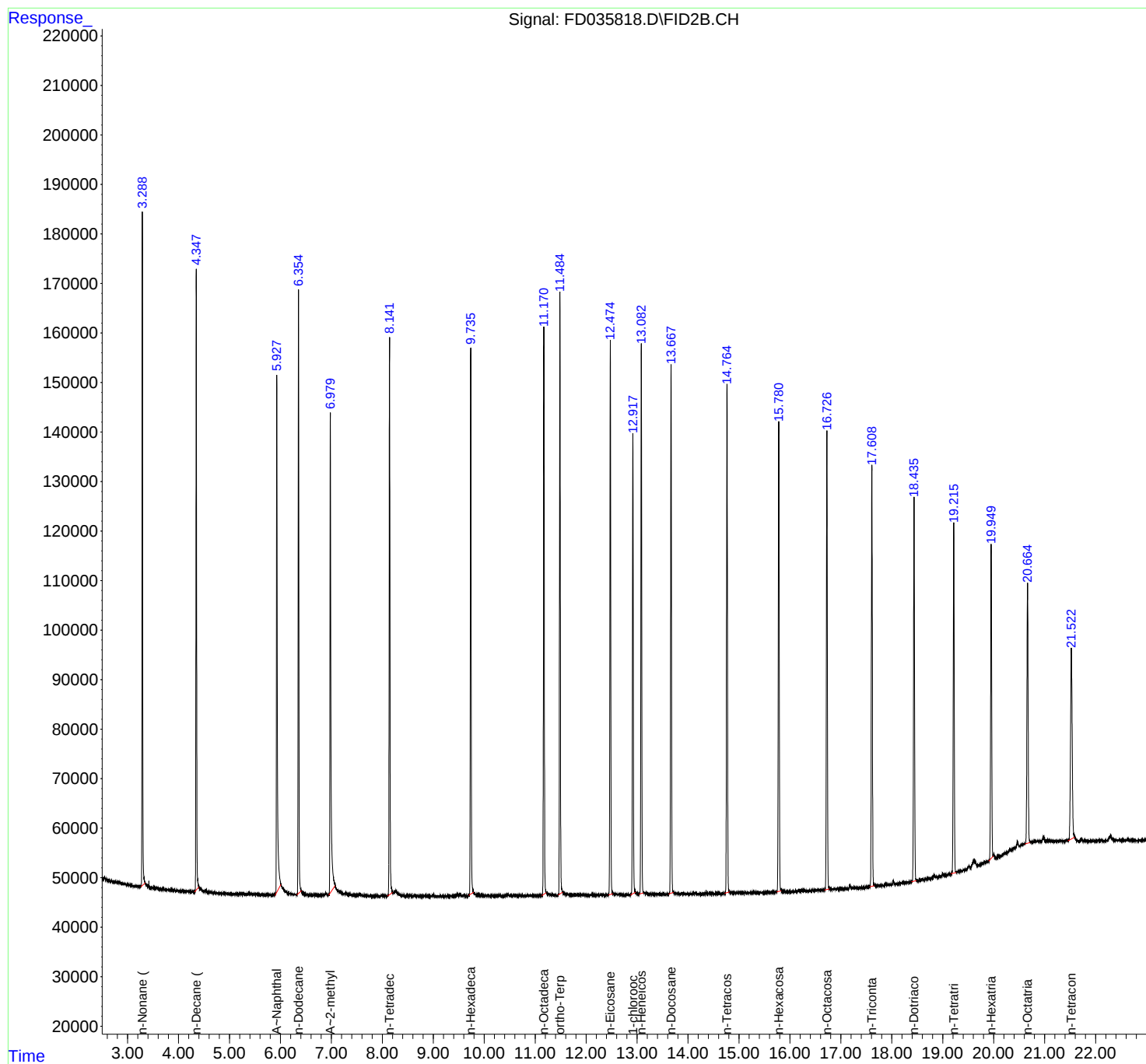
(m)=manual int.

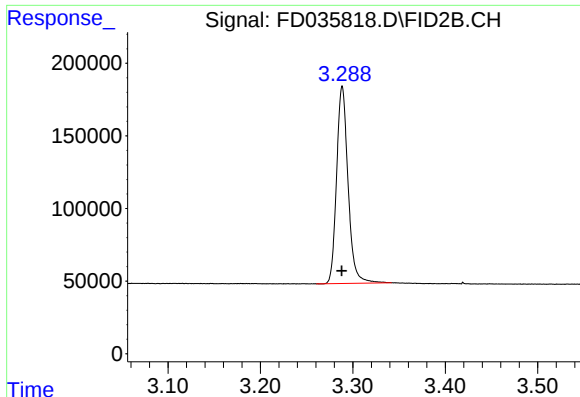
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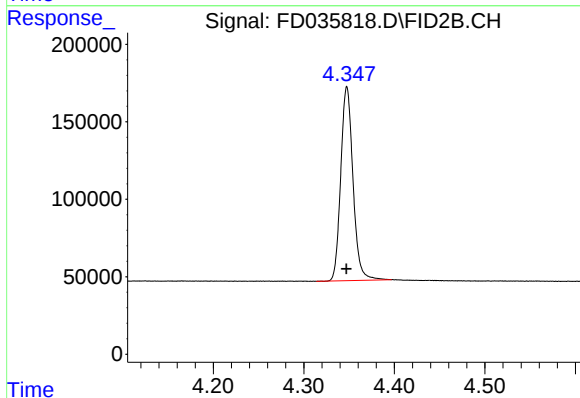




#1 n-Nonane (C9)

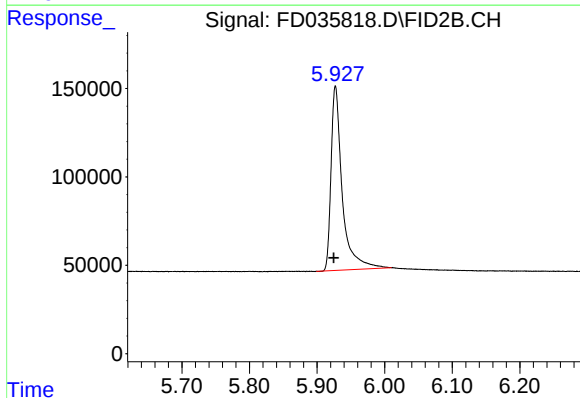
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 1169888
Conc: 10.08 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



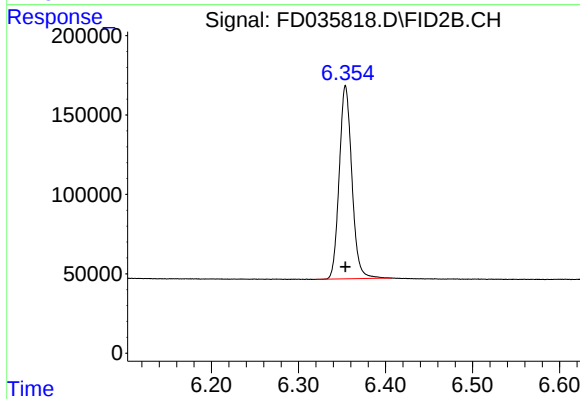
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 1176117
Conc: 10.05 ug/ml



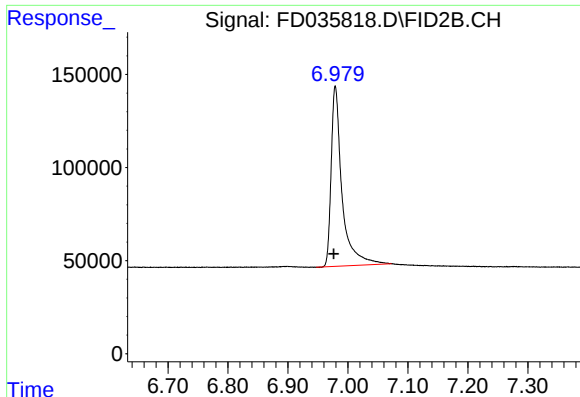
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 1202379
Conc: 9.62 ug/ml



#4 n-Dodecane (C12)

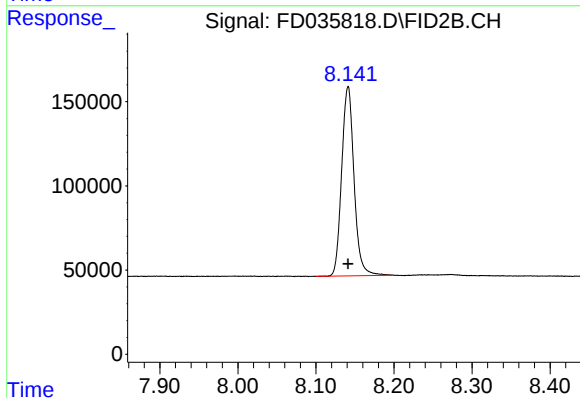
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 1225911
Conc: 10.12 ug/ml



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

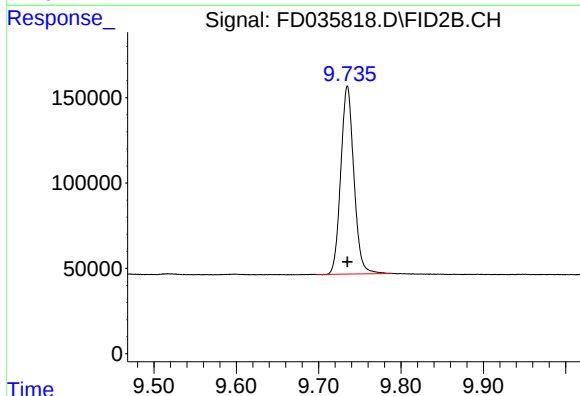
R.T.: 6.979 min
Delta R.T.: 0.003 min
Response: 1220011
Conc: 9.58 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



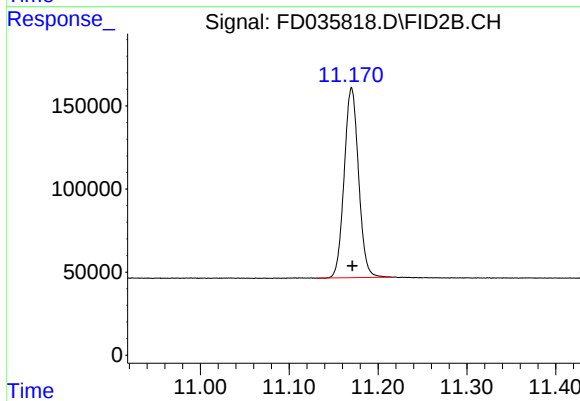
#6 n-Tetradecane (C14)

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 1235818
Conc: 10.14 ug/ml



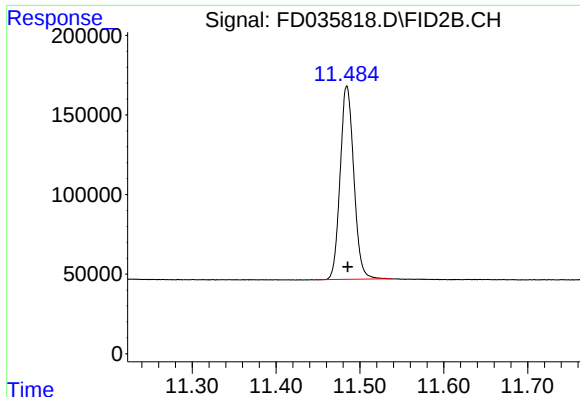
#7 n-Hexadecane (C16)

R.T.: 9.735 min
Delta R.T.: 0.000 min
Response: 1215937
Conc: 10.15 ug/ml



#8 n-Octadecane (C18)

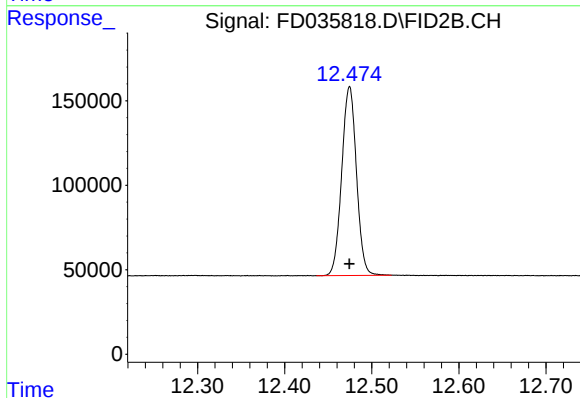
R.T.: 11.170 min
Delta R.T.: 0.000 min
Response: 1285554
Conc: 10.18 ug/ml



#9 ortho-Terphenyl (SURR)

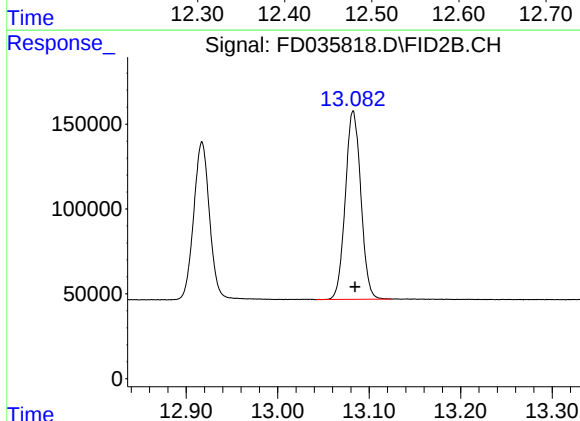
R.T.: 11.484 min
Delta R.T.: 0.000 min
Response: 1377689
Conc: 10.22 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



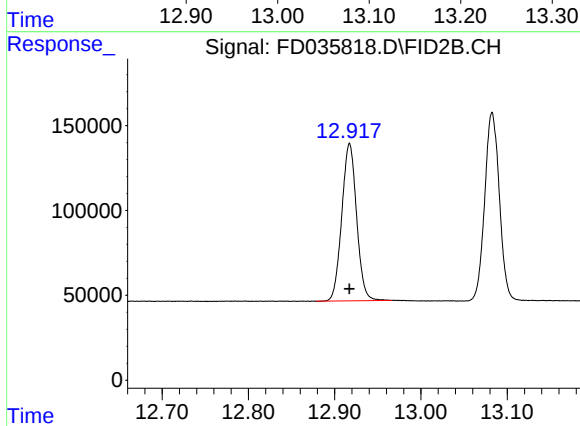
#10 n-Eicosane (C20)

R.T.: 12.475 min
Delta R.T.: 0.000 min
Response: 1314267
Conc: 10.31 ug/ml



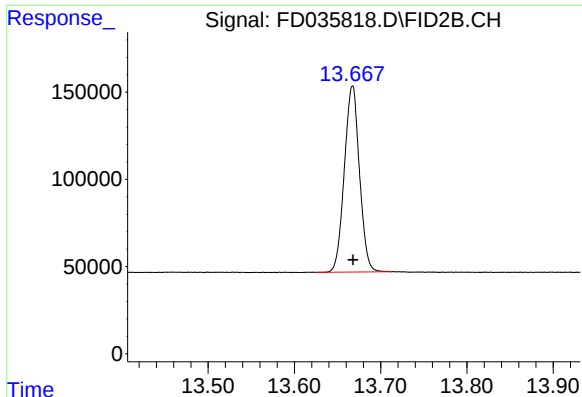
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: -0.002 min
Response: 1307402
Conc: 10.27 ug/ml



#12 1-chlorooctadecane (SURR)

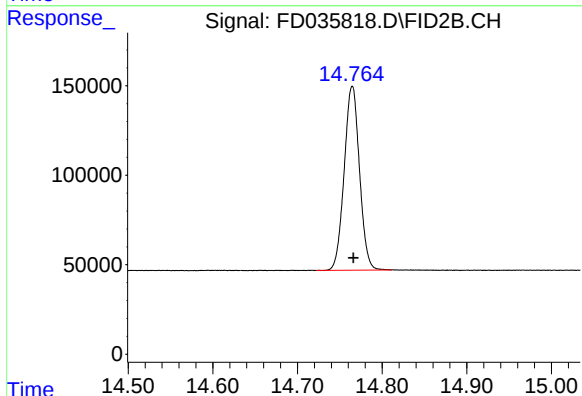
R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 1106308
Conc: 10.24 ug/ml



#13 n-Docosane (C22)

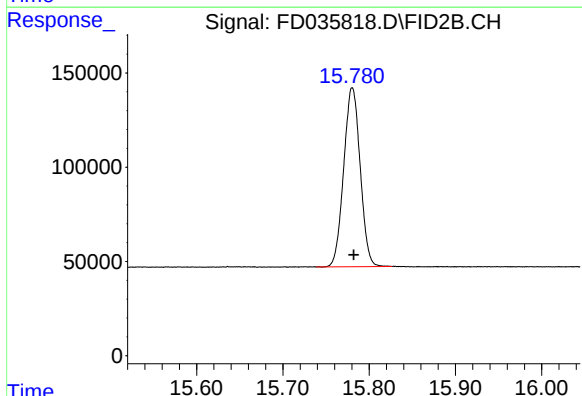
R.T.: 13.667 min
Delta R.T.: 0.000 min
Response: 1300637
Conc: 10.26 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



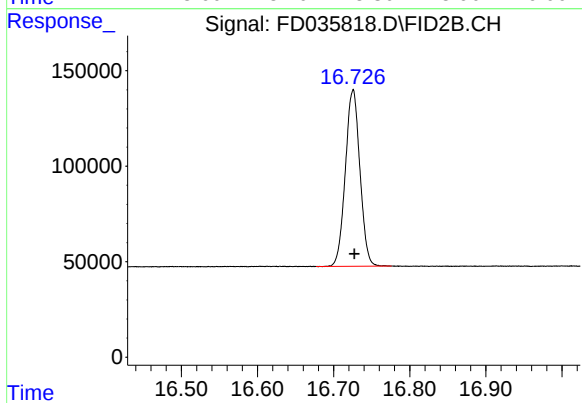
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.001 min
Response: 1291198
Conc: 10.26 ug/ml



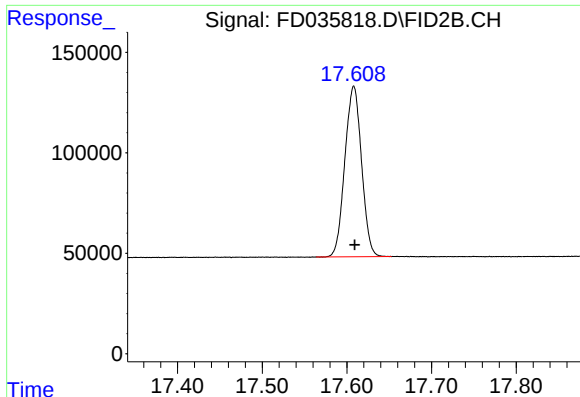
#15 n-Hexacosane (C26)

R.T.: 15.780 min
Delta R.T.: -0.002 min
Response: 1258505
Conc: 10.25 ug/ml



#16 n-Octacosane (C28)

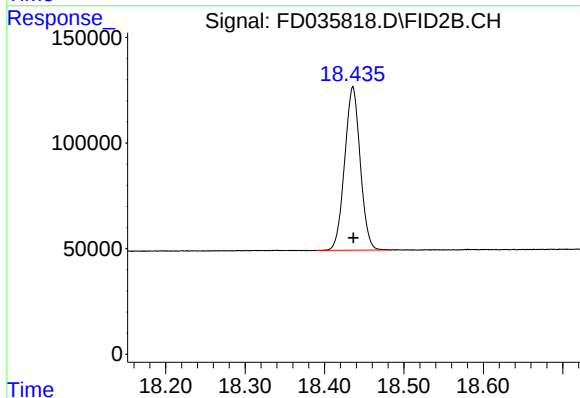
R.T.: 16.726 min
Delta R.T.: -0.002 min
Response: 1227157
Conc: 10.25 ug/ml



#17 n-Tricontane (C30)

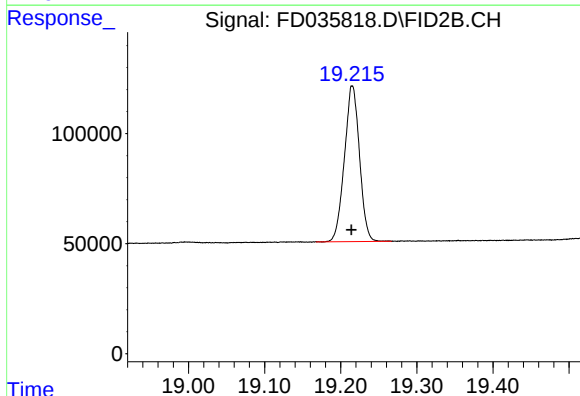
R.T.: 17.608 min
Delta R.T.: 0.000 min
Response: 1163723
Conc: 10.21 ug/ml

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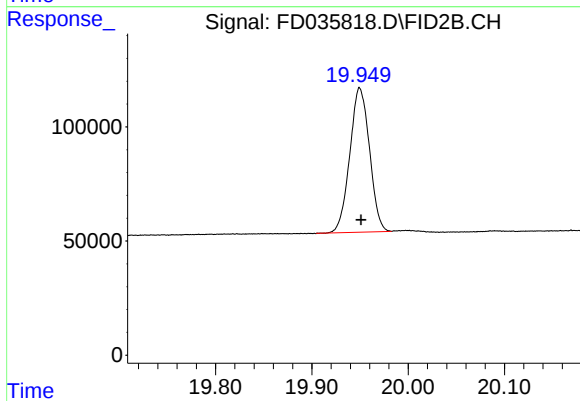
#18 n-Dotriacontane (C32)

R.T.: 18.436 min
Delta R.T.: 0.000 min
Response: 1053427
Conc: 10.22 ug/ml



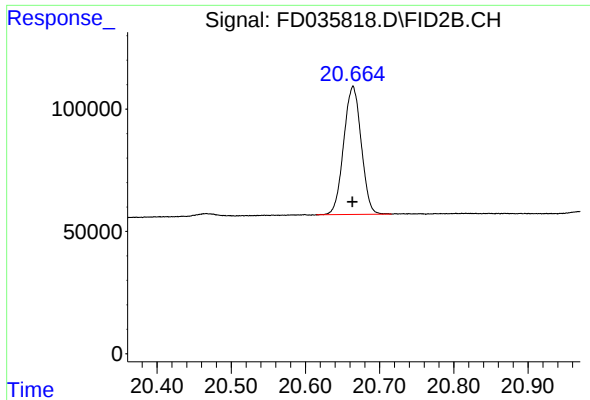
#19 n-Tetratriacontane (C34)

R.T.: 19.215 min
Delta R.T.: 0.001 min
Response: 974533
Conc: 10.23 ug/ml



#20 n-Hexatriacontane (C36)

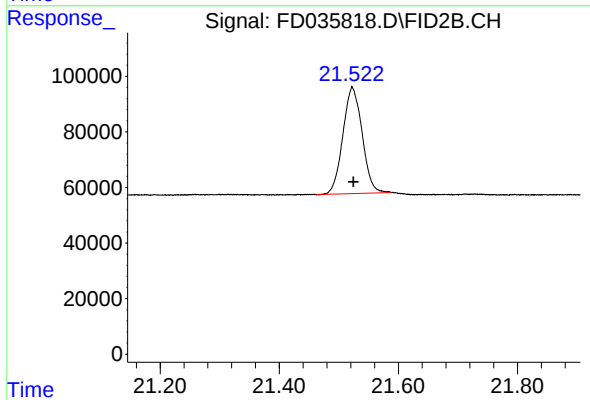
R.T.: 19.950 min
Delta R.T.: -0.001 min
Response: 896819
Conc: 10.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.664 min
Delta R.T.: 0.000 min
Response: 858819
Conc: 10.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.523 min
Delta R.T.: -0.002 min
Response: 860333
Conc: 10.06 ug/ml