

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AL\
 Data File : FD038957.D
 Signal(s) : FID2B.CH
 Acq On : 29 Sep 2021 18:46
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 30 02:02:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:00:42 2021
 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)	11.679	1386692	9.846 ug/ml
Spiked Amount 50.000		Recovery =	19.69%
12) S 1-chlorooctadecane (S...	13.105	1098505	9.850 ug/ml
Spiked Amount 50.000		Recovery =	19.70%
Target Compounds			
1) T n-Nonane (C9)	3.438	1235054	9.833 ug/ml
2) T n-Decane (C10)	4.507	1247759	9.826 ug/ml
3) T A~Naphthalene (C11.7)	6.100	1391158	9.822 ug/ml
4) T n-Dodecane (C12)	6.524	1249644	9.816 ug/ml
5) T A~2-methylnaphthalene...	7.155	1397927	9.818 ug/ml
6) T n-Tetradecane (C14)	8.317	1263979	9.804 ug/ml
7) T n-Hexadecane (C16)	9.915	1270797	9.809 ug/ml
8) T n-Octadecane (C18)	11.354	1303989	9.820 ug/ml
10) T n-Eicosane (C20)	12.660	1294543	9.833 ug/ml
11) T n-Heneicosane (C21)	13.270	1309321	9.853 ug/ml
13) T n-Docosane (C22)	13.854	1298218	9.865 ug/ml
14) T n-Tetracosane (C24)	14.953	1299472	9.866 ug/ml
15) T n-Hexacosane (C26)	15.970	1261881	9.849 ug/ml
16) T n-Octacosane (C28)	16.916	1240368	9.844 ug/ml
17) T n-Tricontane (C30)	17.800	1200269	9.851 ug/ml
18) T n-Dotriacontane (C32)	18.628	1135053	9.852 ug/ml
19) T n-Tetratriacontane (C34)	19.408	1045418	9.731 ug/ml
20) T n-Hexatriacontane (C36)	20.145	916533	9.580 ug/ml
21) T n-Octatriacontane (C38)	20.886	836721	9.651 ug/ml
22) T n-Tetracontane (C40)	21.814	770695	9.338 ug/ml

(f)=RT Delta > 1/2 Window

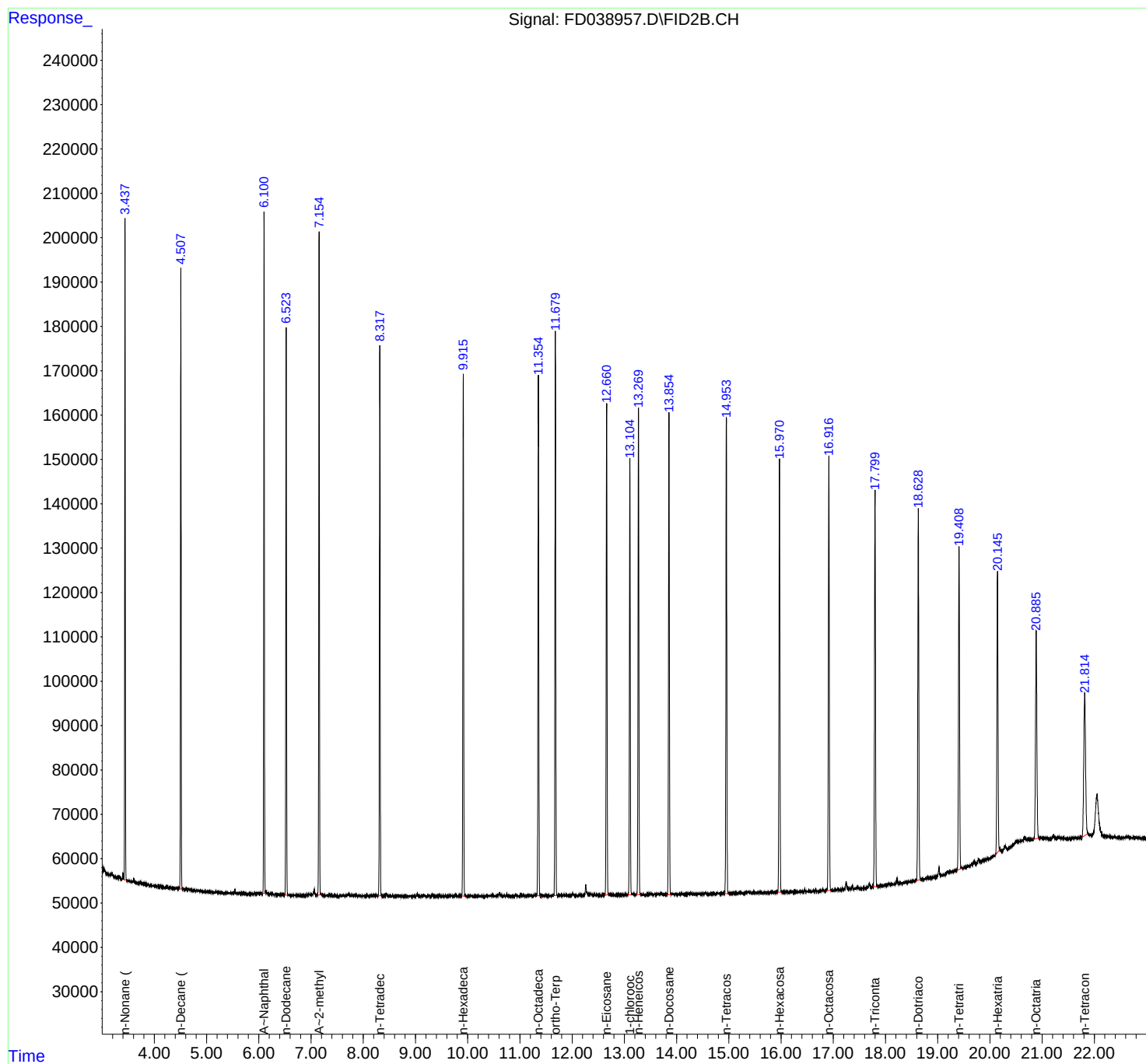
(m)=manual int.

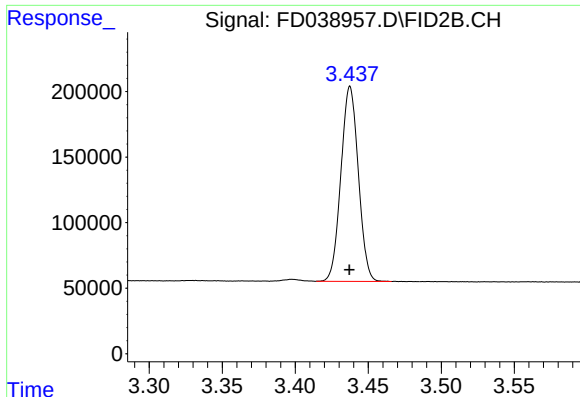
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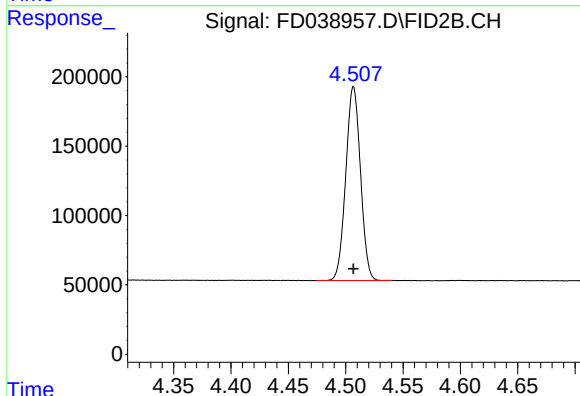




#1 n-Nonane (C9)

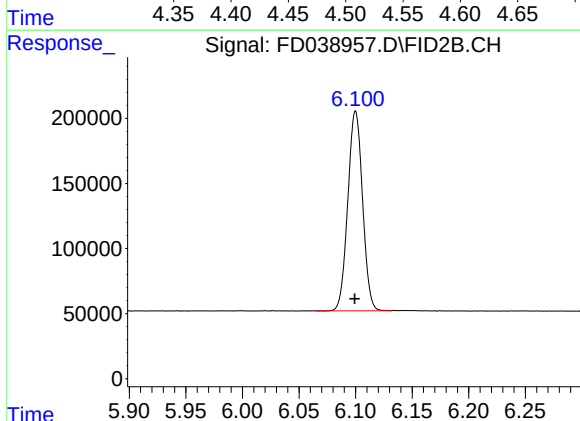
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 1235054
Conc: 9.83 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



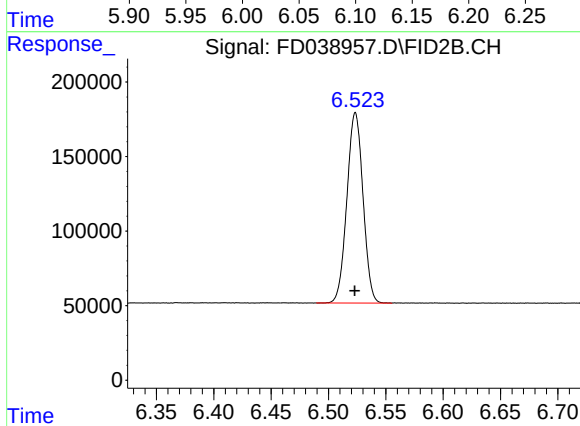
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 1247759
Conc: 9.83 ug/ml



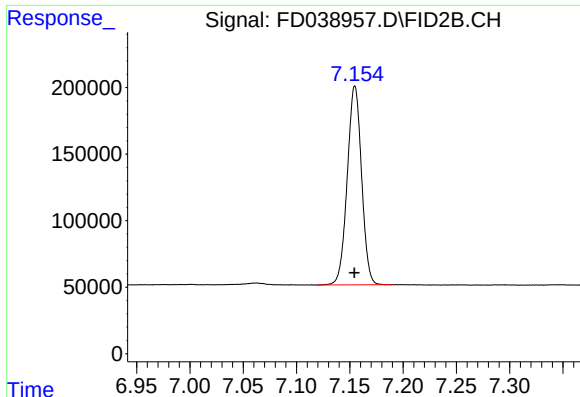
#3 A~Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 1391158
Conc: 9.82 ug/ml



#4 n-Dodecane (C12)

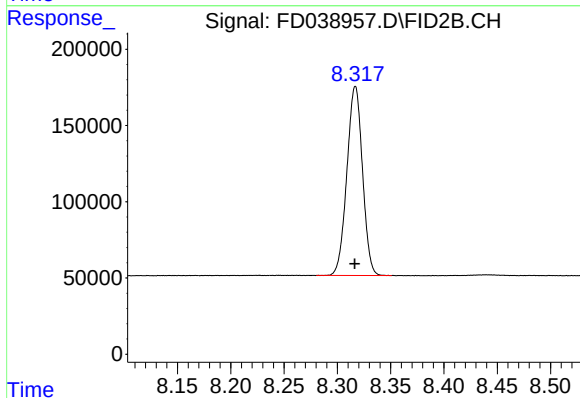
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 1249644
Conc: 9.82 ug/ml



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

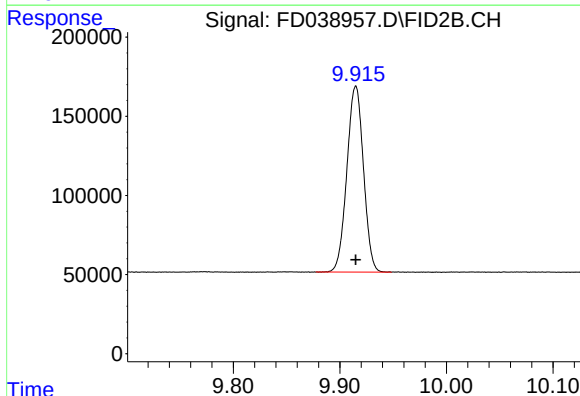
R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 1397927
Conc: 9.82 ug/ml

Instrument :
FID_D
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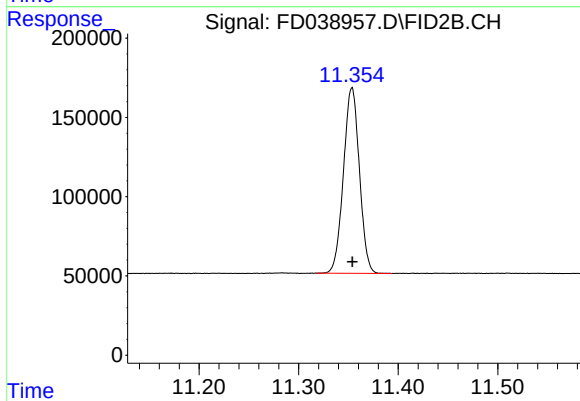
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 1263979
Conc: 9.80 ug/ml



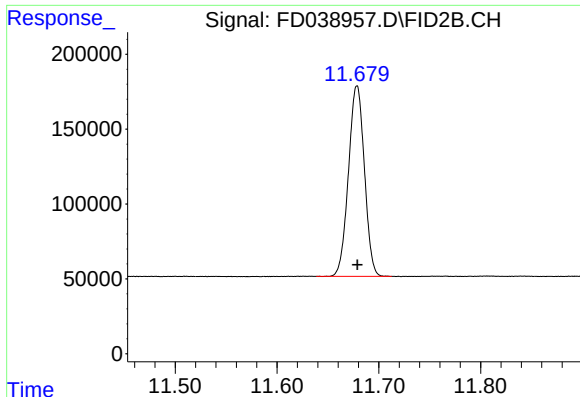
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 1270797
Conc: 9.81 ug/ml



#8 n-Octadecane (C18)

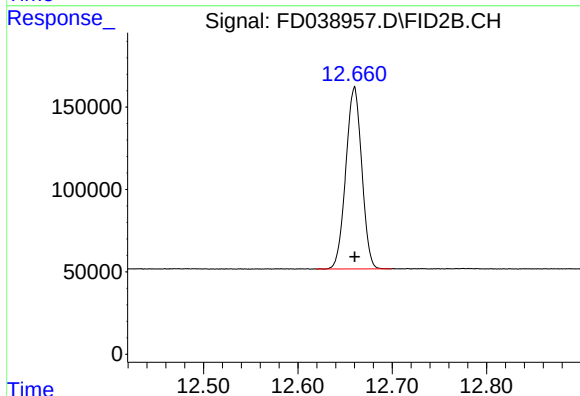
R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 1303989
Conc: 9.82 ug/ml



#9 ortho-Terphenyl (SURR)

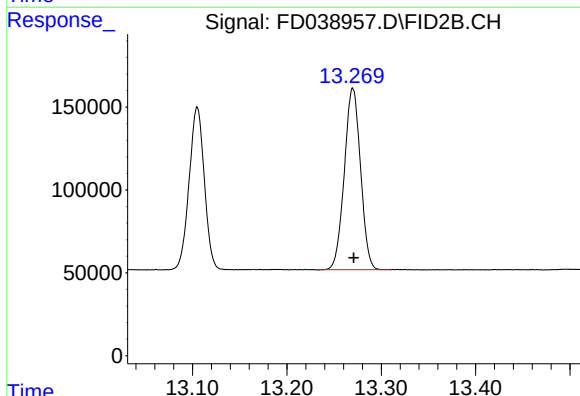
R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 1386692
Conc: 9.85 ug/ml

Instrument :
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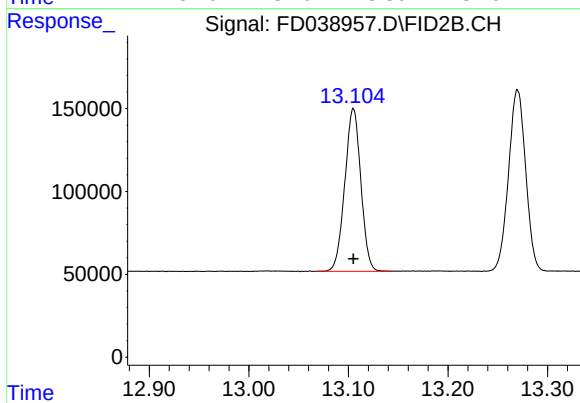
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.000 min
Response: 1294543
Conc: 9.83 ug/ml



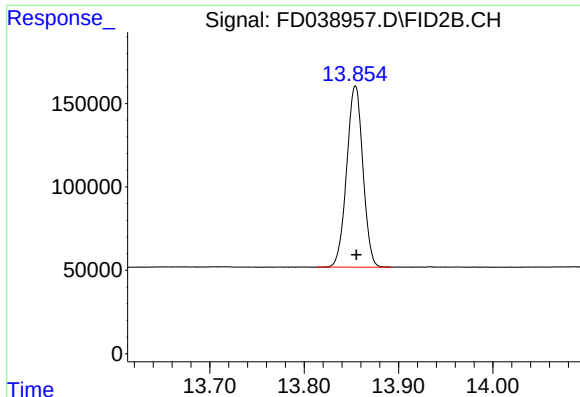
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 1309321
Conc: 9.85 ug/ml



#12 1-chlorooctadecane (SURR)

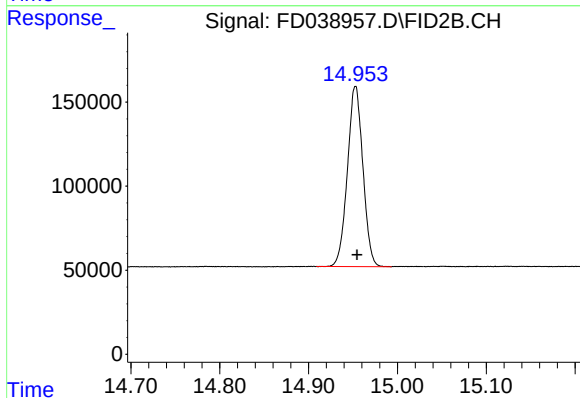
R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 1098505
Conc: 9.85 ug/ml



#13 n-Docosane (C22)

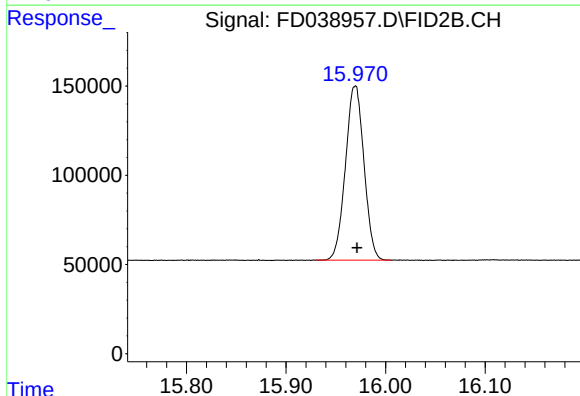
R.T.: 13.854 min
Delta R.T.: 0.000 min
Response: 1298218
Conc: 9.86 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



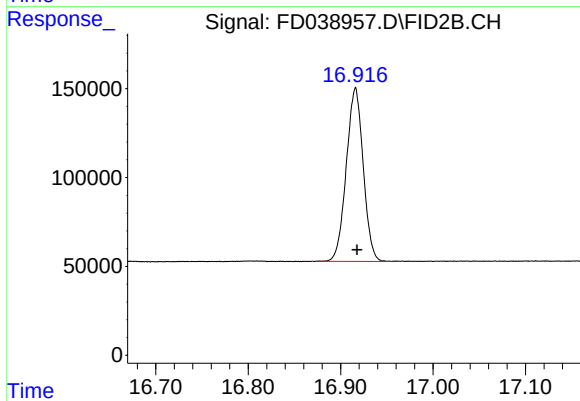
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: -0.002 min
Response: 1299472
Conc: 9.87 ug/ml



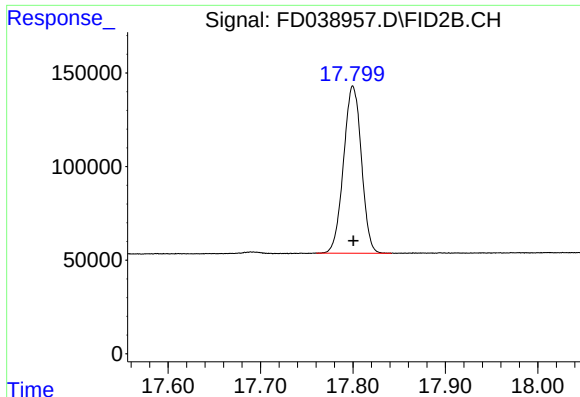
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: -0.002 min
Response: 1261881
Conc: 9.85 ug/ml



#16 n-Octacosane (C28)

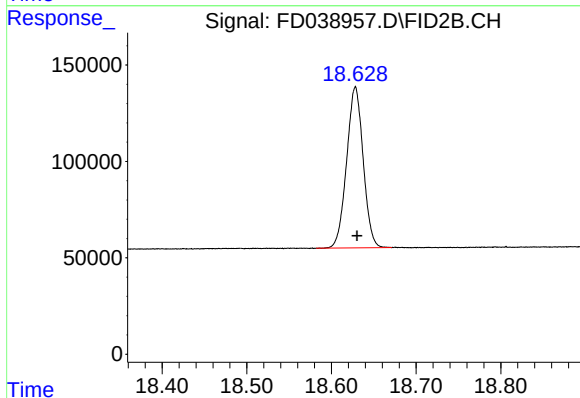
R.T.: 16.916 min
Delta R.T.: -0.002 min
Response: 1240368
Conc: 9.84 ug/ml



#17 n-Tricontane (C30)

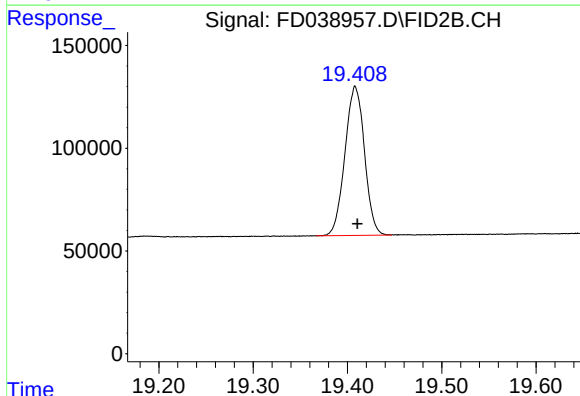
R.T.: 17.800 min
Delta R.T.: 0.000 min
Response: 1200269
Conc: 9.85 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



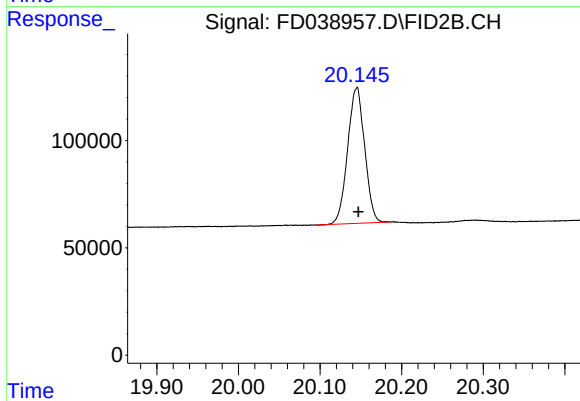
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: -0.002 min
Response: 1135053
Conc: 9.85 ug/ml



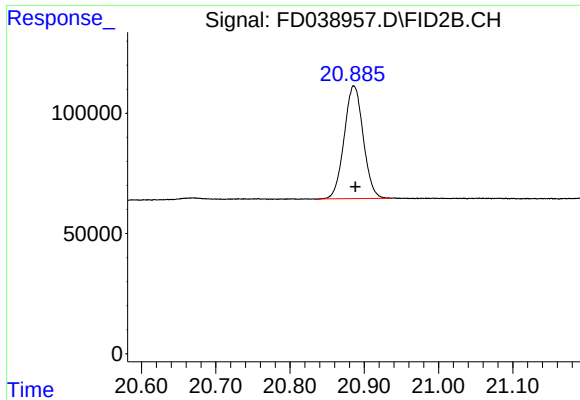
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: -0.002 min
Response: 1045418
Conc: 9.73 ug/ml



#20 n-Hexatriacontane (C36)

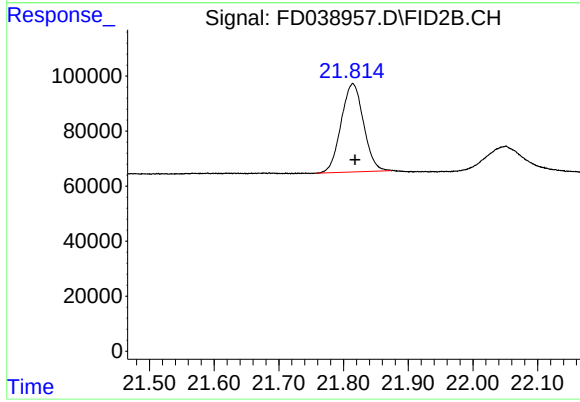
R.T.: 20.145 min
Delta R.T.: -0.002 min
Response: 916533
Conc: 9.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min
Delta R.T.: -0.002 min
Response: 836721
Conc: 9.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: -0.003 min
Response: 770695
Conc: 9.34 ug/ml