

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040009.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 21:15
 Operator : AJ\MA
 Sample : PB141533BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 23:46:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.764	7140247	45.483 ug/ml
Spiked Amount 50.000		Recovery =	90.97%
12) S 1-chlorooctadecane (S...	12.198	5523313	44.726 ug/ml
Spiked Amount 50.000		Recovery =	89.45%
Target Compounds			
1) T n-Nonane (C9)	2.689	7227930	51.362 ug/ml
2) T n-Decane (C10)	3.677	7599556	53.282 ug/ml
3) T A~Naphthalene (C11.7)	5.216	8713562	54.282 ug/ml
4) T n-Dodecane (C12)	5.646	7709955	53.998 ug/ml
5) T A~2-methylnaphthalene...	6.258	8421447	52.185 ug/ml
6) T n-Tetradecane (C14)	7.427	7668357	53.205 ug/ml
7) T n-Hexadecane (C16)	9.018	7684654	52.824 ug/ml
8) T n-Octadecane (C18)	10.454	7525800	50.575 ug/ml
10) T n-Eicosane (C20)	11.758	7146530	48.865 ug/ml
11) T n-Heneicosane (C21)	12.367	6883041	46.849 ug/ml
13) T n-Docosane (C22)	12.951	6716043	45.992 ug/ml
14) T n-Tetracosane (C24)	14.049	6376172	43.779 ug/ml
15) T n-Hexacosane (C26)	15.068	6184353	44.093 ug/ml
16) T n-Octacosane (C28)	16.013	6265414	46.196 ug/ml
17) T n-Tricontane (C30)	16.899	6458584	49.425 ug/ml
18) T n-Dotriacontane (C32)	17.728	8104192	65.117 ug/ml
19) T n-Tetratriacontane (C34)	18.509	7406344	61.320 ug/ml
20) T n-Hexatriacontane (C36)	19.247	9472049	82.364 ug/ml
21) T n-Octatriacontane (C38)	19.960	11256029	100.841 ug/ml
22) T n-Tetracontane (C40)	20.811	7966247	69.913 ug/ml

(f)=RT Delta > 1/2 Window

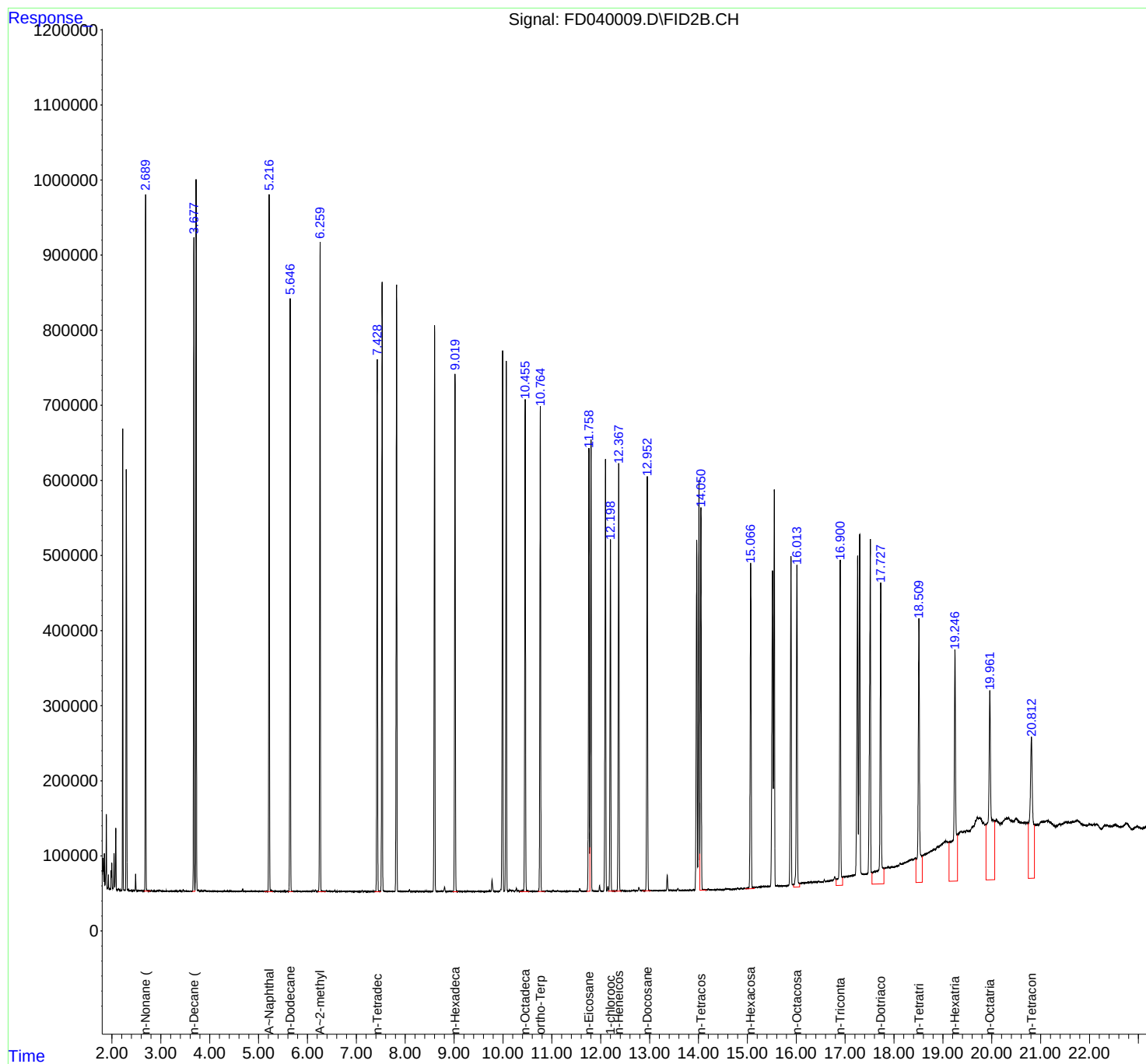
(m)=manual int.

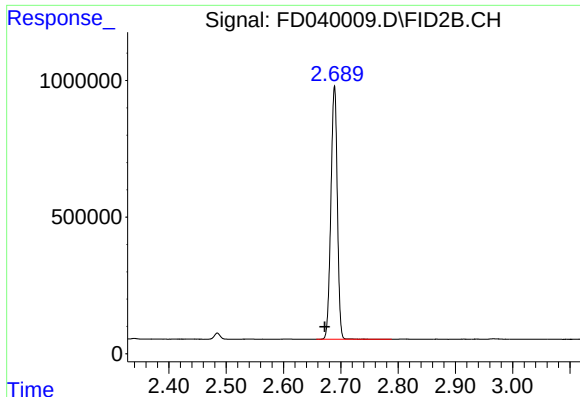
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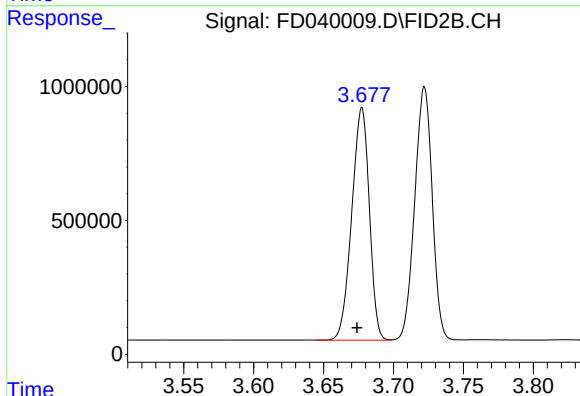




#1 n-Nonane (C9)

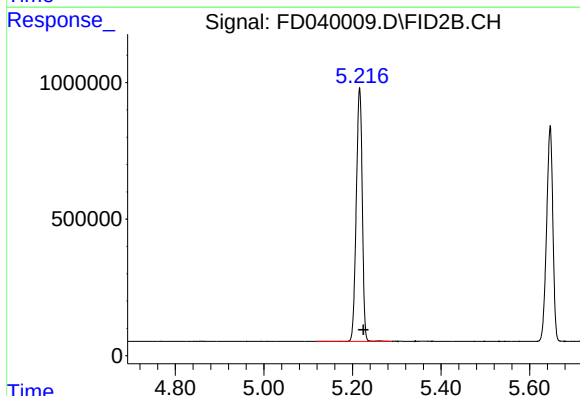
R.T.: 2.689 min
Delta R.T.: 0.017 min
Response: 7227930
Conc: 51.36 ug/ml

Instrument :
FID_D
ClientSampleId :



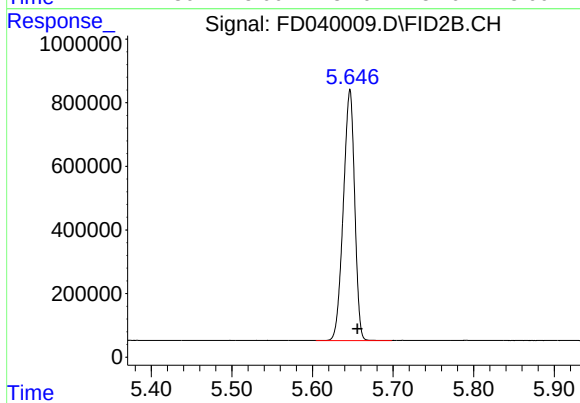
#2 n-Decane (C10)

R.T.: 3.677 min
Delta R.T.: 0.003 min
Response: 7599556
Conc: 53.28 ug/ml



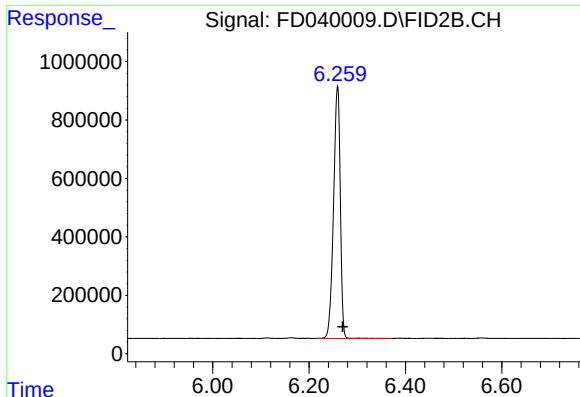
#3 A~Naphthalene (C11.7)

R.T.: 5.216 min
Delta R.T.: -0.009 min
Response: 8713562
Conc: 54.28 ug/ml



#4 n-Dodecane (C12)

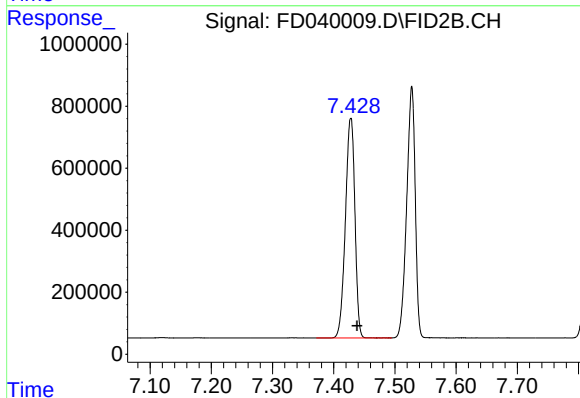
R.T.: 5.646 min
Delta R.T.: -0.010 min
Response: 7709955
Conc: 54.00 ug/ml



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

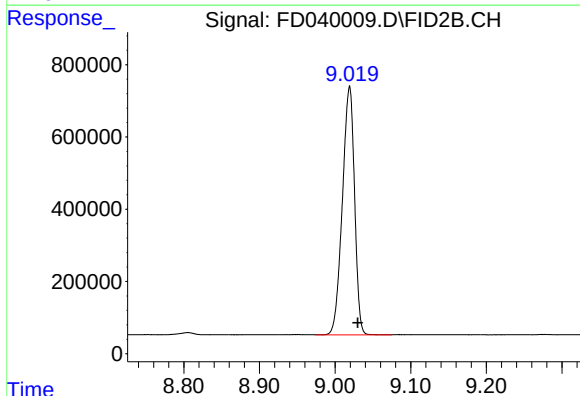
R.T.: 6.258 min
Delta R.T.: -0.012 min
Response: 8421447
Conc: 52.18 ug/ml

Instrument :
FID_D
ClientSampleId :



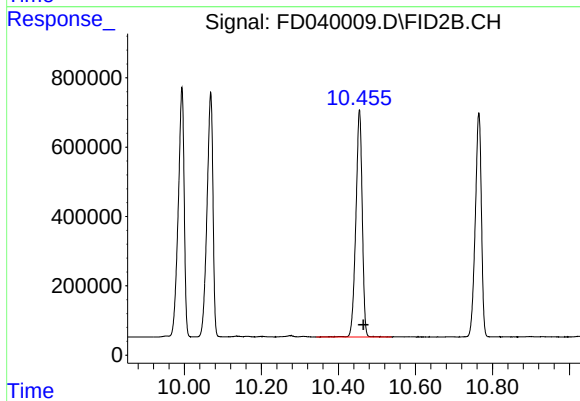
#6 n-Tetradecane (C14)

R.T.: 7.427 min
Delta R.T.: -0.011 min
Response: 7668357
Conc: 53.20 ug/ml



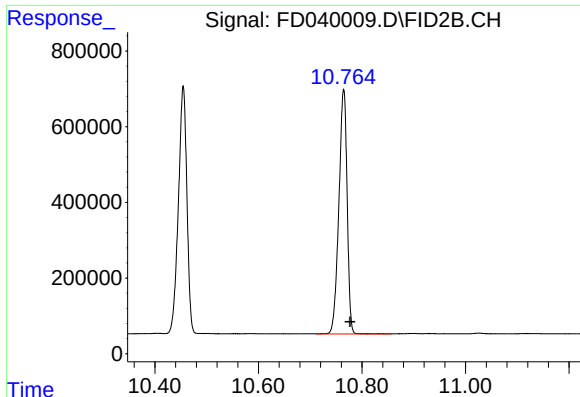
#7 n-Hexadecane (C16)

R.T.: 9.018 min
Delta R.T.: -0.012 min
Response: 7684654
Conc: 52.82 ug/ml



#8 n-Octadecane (C18)

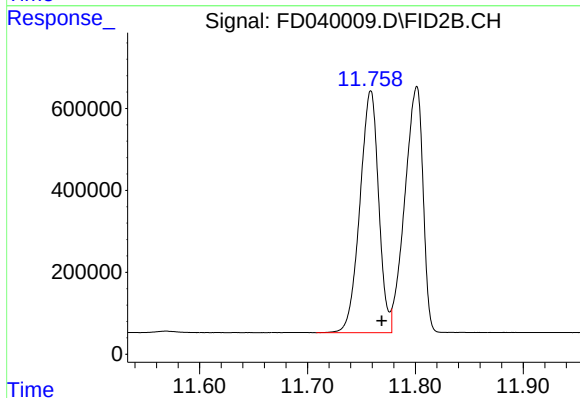
R.T.: 10.454 min
Delta R.T.: -0.011 min
Response: 7525800
Conc: 50.58 ug/ml



#9 ortho-Terphenyl (SURR)

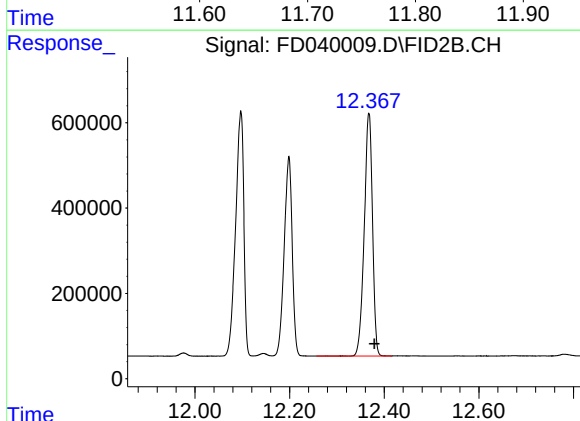
R.T.: 10.764 min
Delta R.T.: -0.013 min
Response: 7140247
Conc: 45.48 ug/ml

Instrument :
FID_D
ClientSampleId :



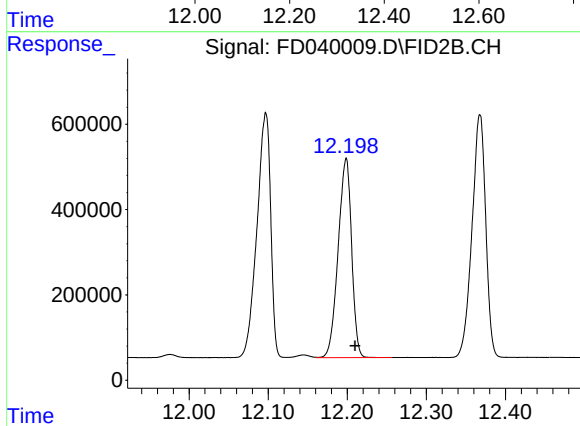
#10 n-Eicosane (C20)

R.T.: 11.758 min
Delta R.T.: -0.011 min
Response: 7146530
Conc: 48.86 ug/ml



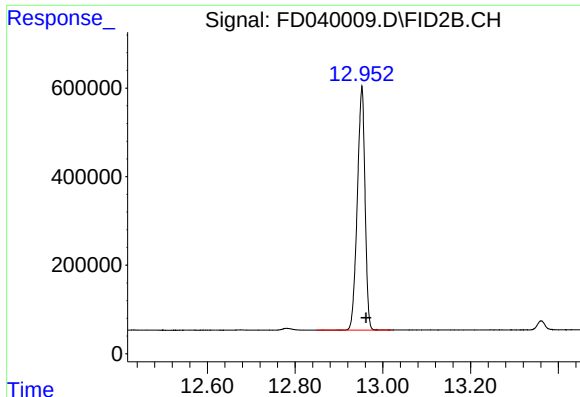
#11 n-Heneicosane (C21)

R.T.: 12.367 min
Delta R.T.: -0.012 min
Response: 6883041
Conc: 46.85 ug/ml



#12 1-chlorooctadecane (SURR)

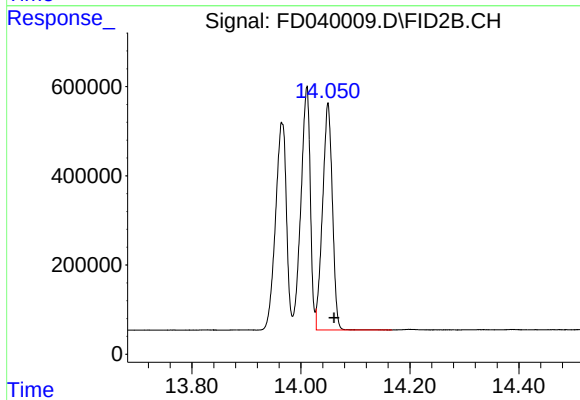
R.T.: 12.198 min
Delta R.T.: -0.012 min
Response: 5523313
Conc: 44.73 ug/ml



#13 n-Docosane (C22)

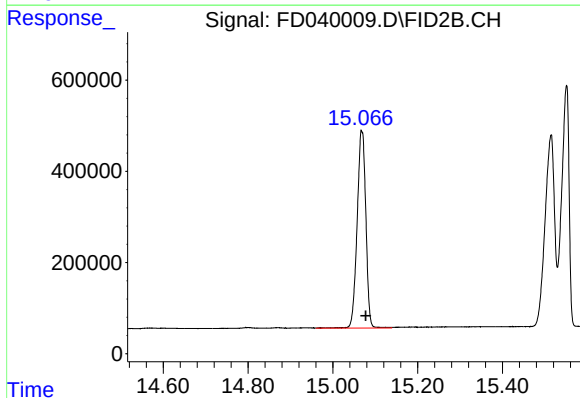
R.T.: 12.951 min
Delta R.T.: -0.011 min
Response: 6716043
Conc: 45.99 ug/ml

Instrument :
FID_D
ClientSampleId :



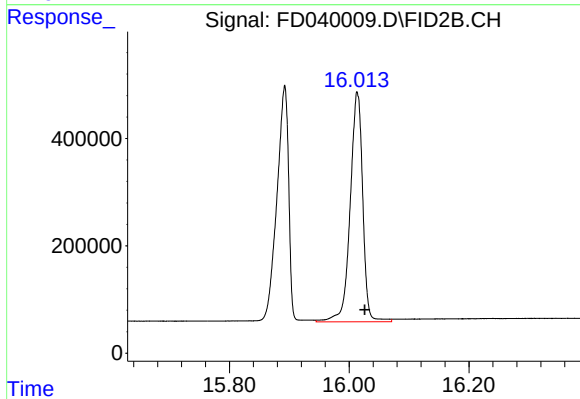
#14 n-Tetracosane (C24)

R.T.: 14.049 min
Delta R.T.: -0.012 min
Response: 6376172
Conc: 43.78 ug/ml



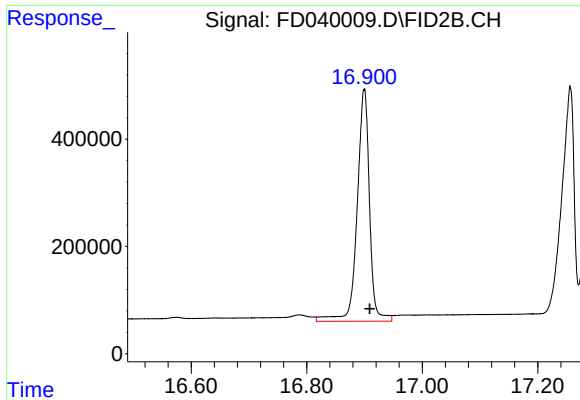
#15 n-Hexacosane (C26)

R.T.: 15.068 min
Delta R.T.: -0.010 min
Response: 6184353
Conc: 44.09 ug/ml



#16 n-Octacosane (C28)

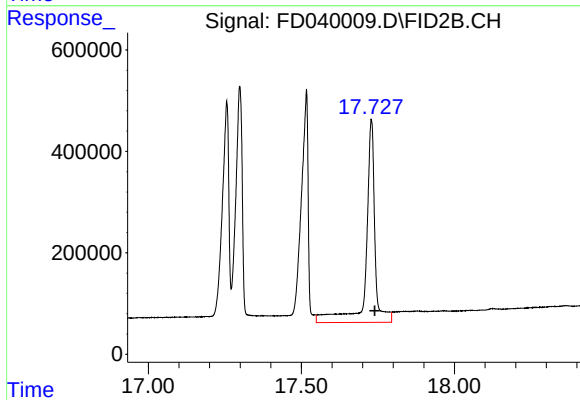
R.T.: 16.013 min
Delta R.T.: -0.013 min
Response: 6265414
Conc: 46.20 ug/ml



#17 n-Tricontane (C30)

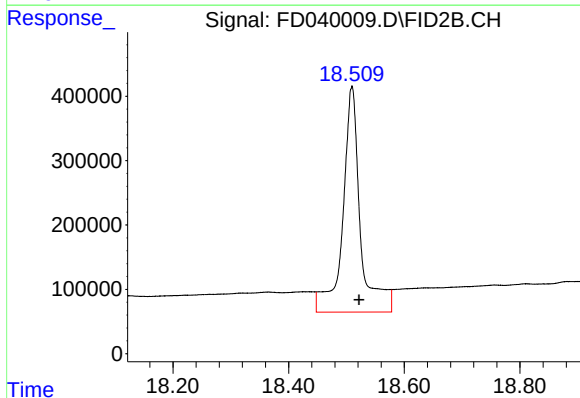
R.T.: 16.899 min
Delta R.T.: -0.010 min
Response: 6458584
Conc: 49.43 ug/ml

Instrument :
FID_D
ClientSampleId :



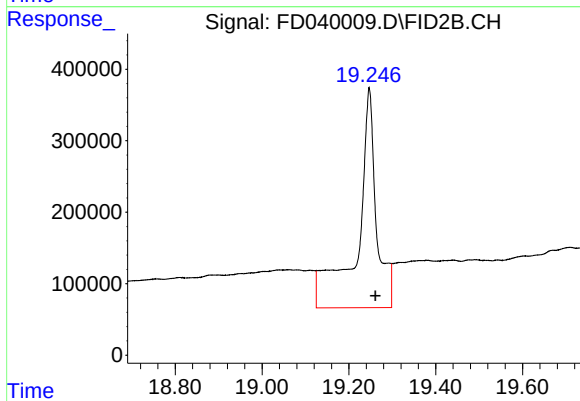
#18 n-Dotriacontane (C32)

R.T.: 17.728 min
Delta R.T.: -0.012 min
Response: 8104192
Conc: 65.12 ug/ml



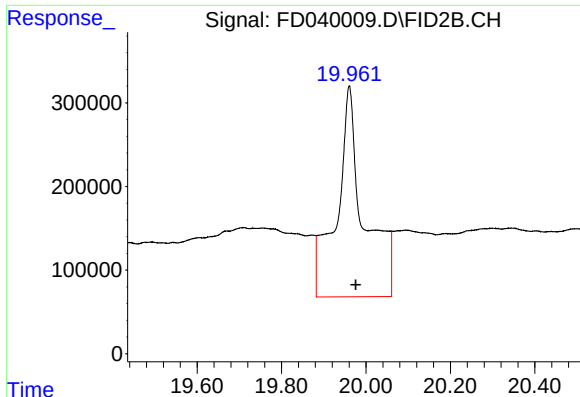
#19 n-Tetratriacontane (C34)

R.T.: 18.509 min
Delta R.T.: -0.013 min
Response: 7406344
Conc: 61.32 ug/ml



#20 n-Hexatriacontane (C36)

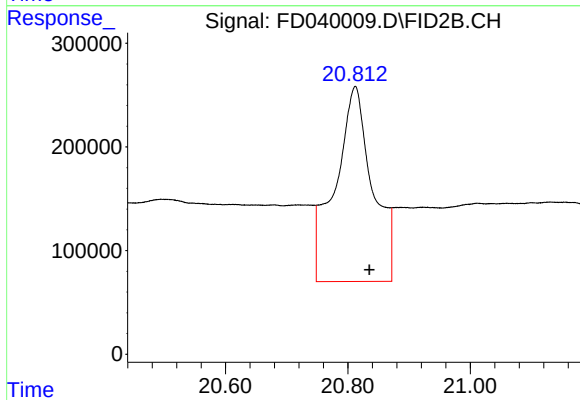
R.T.: 19.247 min
Delta R.T.: -0.014 min
Response: 9472049
Conc: 82.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.960 min
Delta R.T.: -0.016 min
Response: 11256029
Conc: 100.84 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.811 min
Delta R.T.: -0.024 min
Response: 7966247
Conc: 69.91 ug/ml