

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081221AL\
 Data File : FD038534.D
 Signal(s) : FID2B.CH
 Acq On : 12 Aug 2021 23:57
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 02:05:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.367	2664280	19.518 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	12.804	2069458	19.245 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
Target Compounds			
1) T n-Nonane (C9)	3.193	2478849	21.114 ug/ml
2) T n-Decane (C10)	4.245	2520978	21.382 ug/ml
3) T A~Naphthalene (C11.7)	5.810	2793242	21.398 ug/ml
4) T n-Dodecane (C12)	6.248	2553612	21.506 ug/ml
5) T A~2-methylnaphthalene...	6.861	2810986	21.481 ug/ml
6) T n-Tetradecane (C14)	8.033	2582739	21.251 ug/ml
7) T n-Hexadecane (C16)	9.625	2569506	21.024 ug/ml
8) T n-Octadecane (C18)	11.060	2585949	20.539 ug/ml
10) T n-Eicosane (C20)	12.363	2500929	19.840 ug/ml
11) T n-Heneicosane (C21)	12.972	2483934	19.458 ug/ml
13) T n-Docosane (C22)	13.556	2443823	19.197 ug/ml
14) T n-Tetracosane (C24)	14.654	2417533	18.794 ug/ml
15) T n-Hexacosane (C26)	15.671	2293563	18.010 ug/ml
16) T n-Octacosane (C28)	16.615	2246785	17.610 ug/ml
17) T n-Tricontane (C30)	17.498	2189957	17.285 ug/ml
18) T n-Dotriacontane (C32)	18.326	2121268	17.263 ug/ml
19) T n-Tetratriacontane (C34)	19.105	2065928	17.310 ug/ml
20) T n-Hexatriacontane (C36)	19.842	2107617	18.910 ug/ml
21) T n-Octatriacontane (C38)	20.542	2485828	24.046 ug/ml
22) T n-Tetracontane (C40)	21.354	2330941	23.224 ug/ml

(f)=RT Delta > 1/2 Window

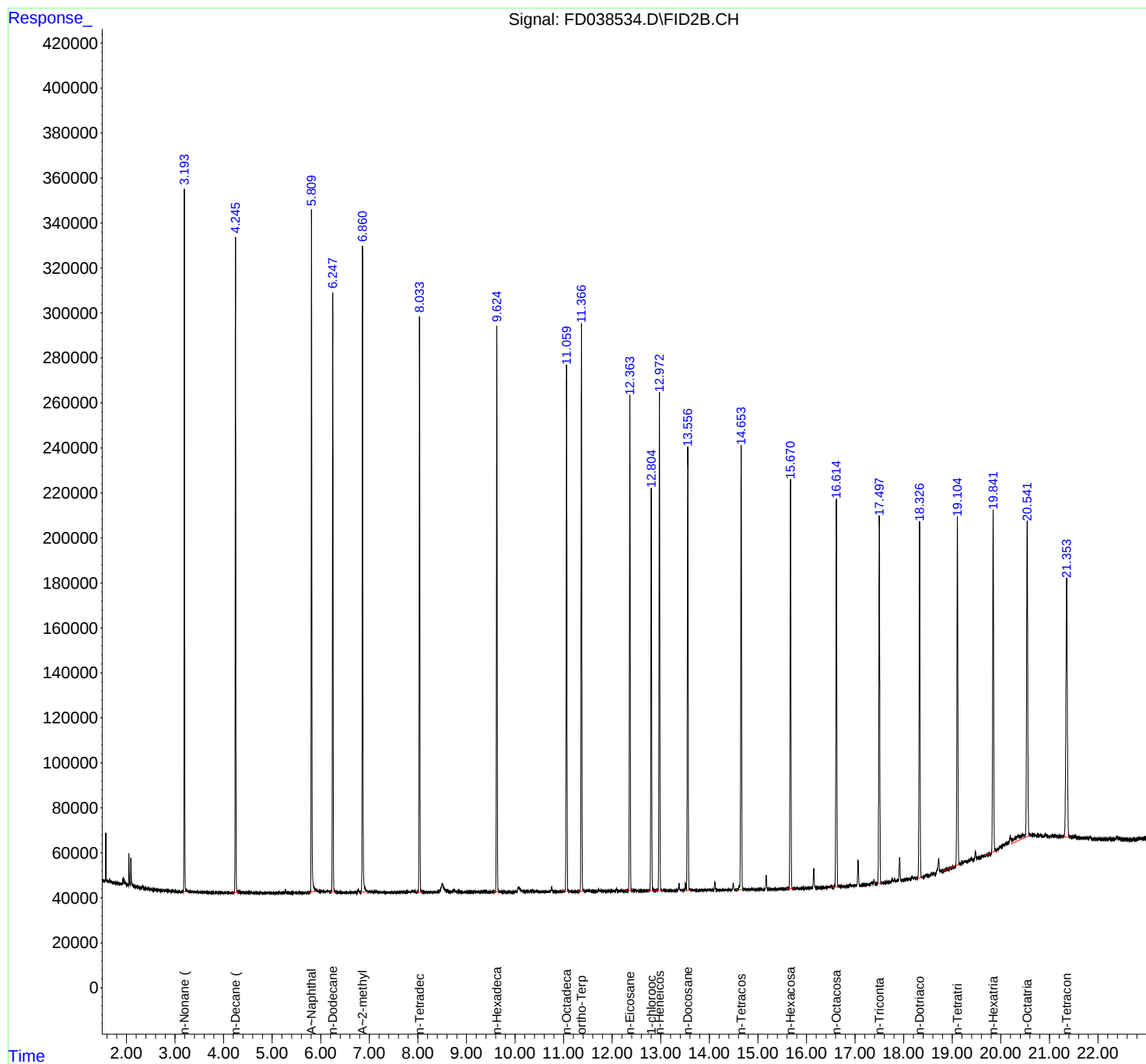
(m)=manual int.

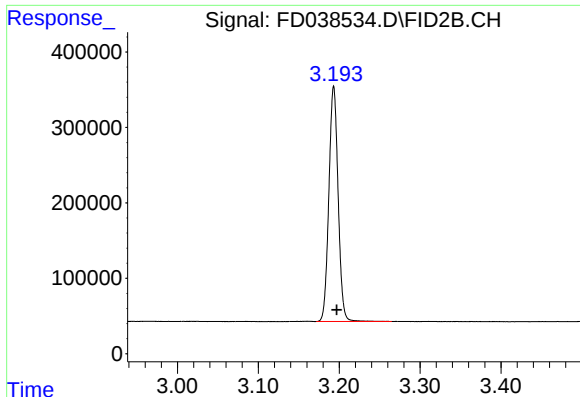
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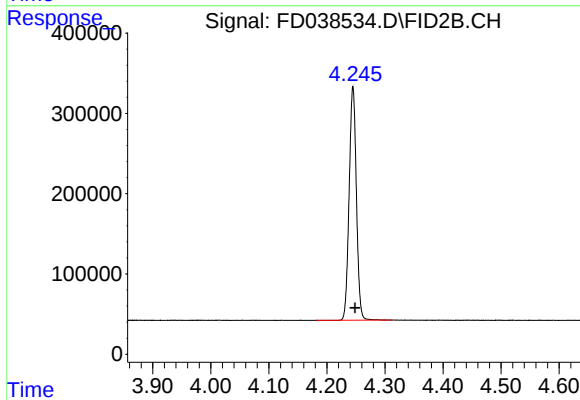




#1 n-Nonane (C9)

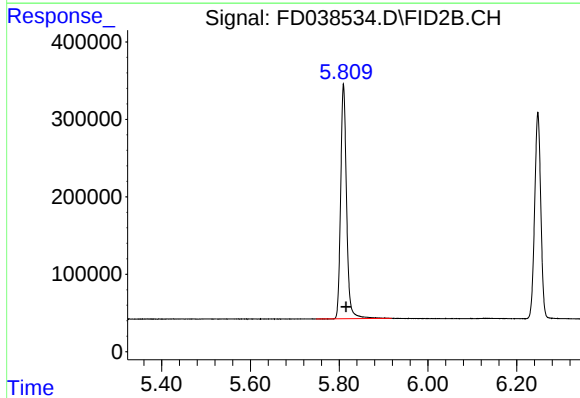
R.T.: 3.193 min
Delta R.T.: -0.004 min
Response: 2478849
Conc: 21.11 ug/ml

Instrument :
FID_D
ClientSampleId :



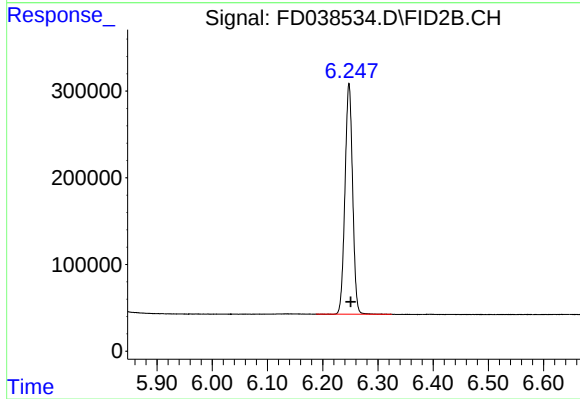
#2 n-Decane (C10)

R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 2520978
Conc: 21.38 ug/ml



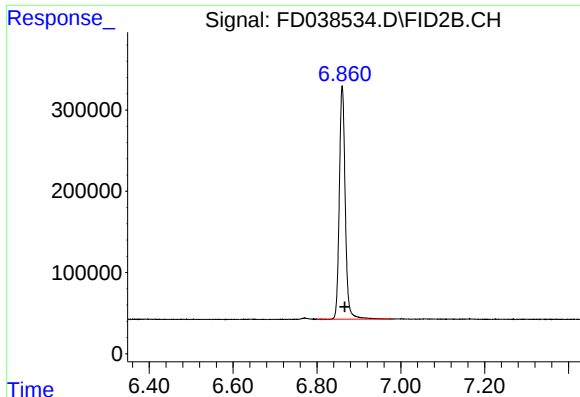
#3 A~Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.006 min
Response: 2793242
Conc: 21.40 ug/ml



#4 n-Dodecane (C12)

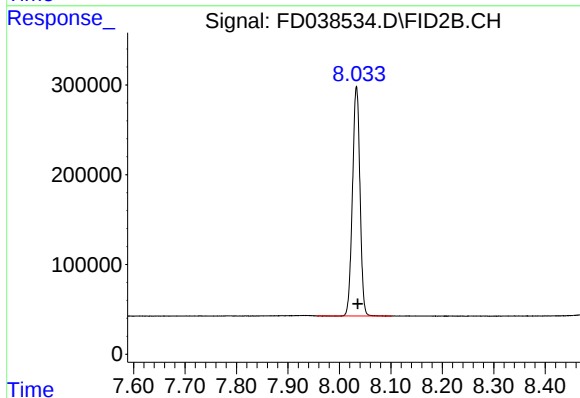
R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 2553612
Conc: 21.51 ug/ml



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

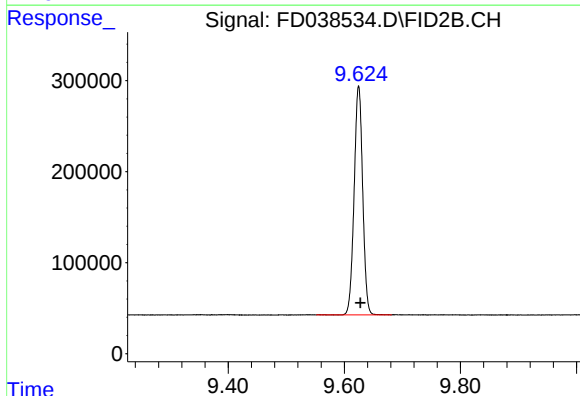
R.T.: 6.861 min
Delta R.T.: -0.006 min
Response: 2810986
Conc: 21.48 ug/ml

Instrument :
FID_D
ClientSampleId :



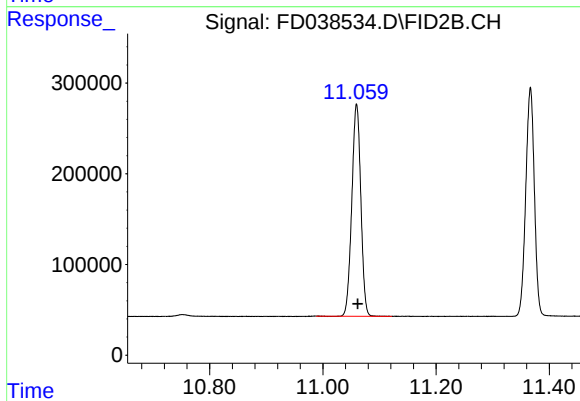
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 2582739
Conc: 21.25 ug/ml



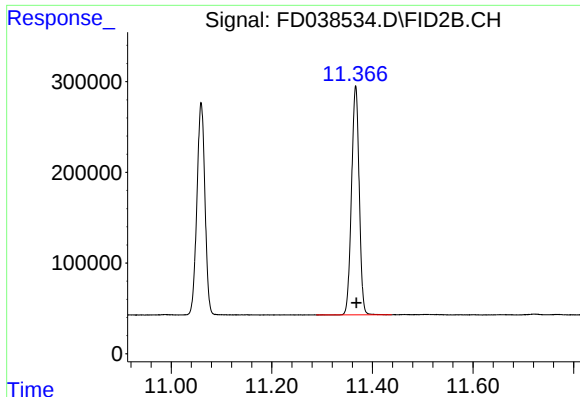
#7 n-Hexadecane (C16)

R.T.: 9.625 min
Delta R.T.: -0.003 min
Response: 2569506
Conc: 21.02 ug/ml



#8 n-Octadecane (C18)

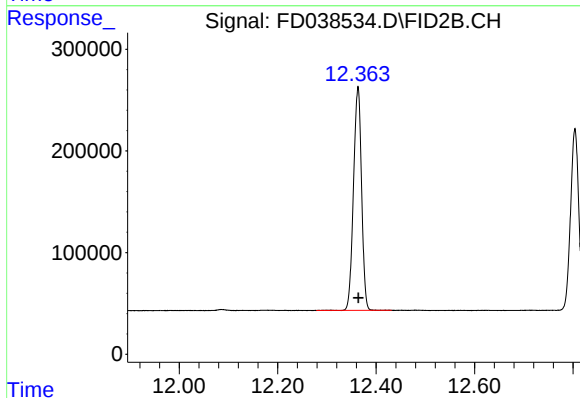
R.T.: 11.060 min
Delta R.T.: -0.002 min
Response: 2585949
Conc: 20.54 ug/ml



#9 ortho-Terphenyl (SURR)

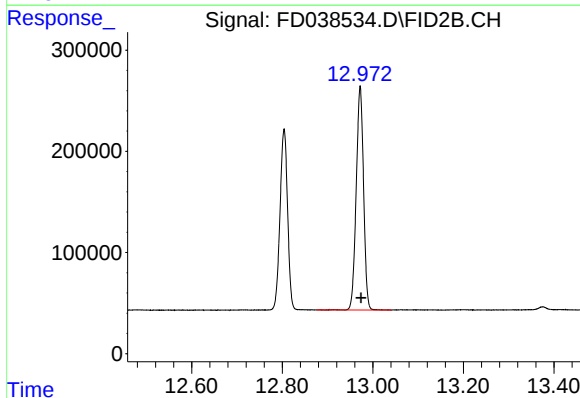
R.T.: 11.367 min
Delta R.T.: -0.001 min
Response: 2664280
Conc: 19.52 ug/ml

Instrument :
FID_D
ClientSampleId :



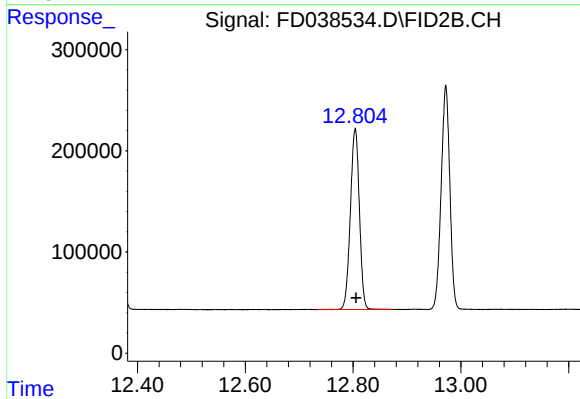
#10 n-Eicosane (C20)

R.T.: 12.363 min
Delta R.T.: -0.001 min
Response: 2500929
Conc: 19.84 ug/ml



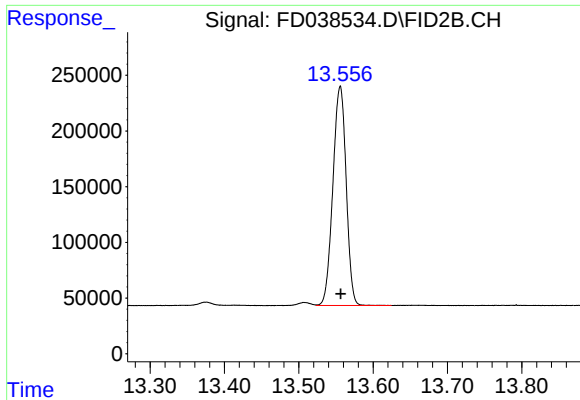
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 2483934
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.804 min
Delta R.T.: -0.002 min
Response: 2069458
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

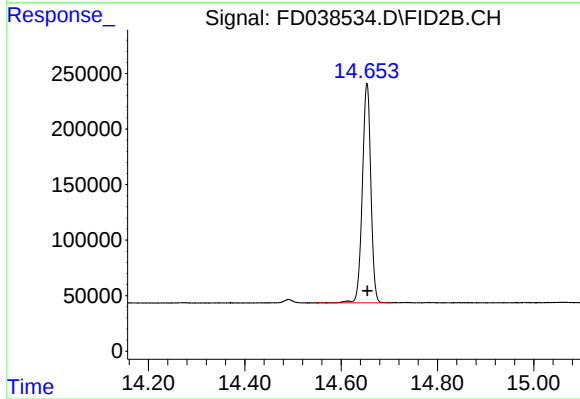
R.T.: 13.556 min

Delta R.T.: 0.000 min

Response: 2443823

Conc: 19.20 ug/ml

Instrument :
FID_D
ClientSampleId :



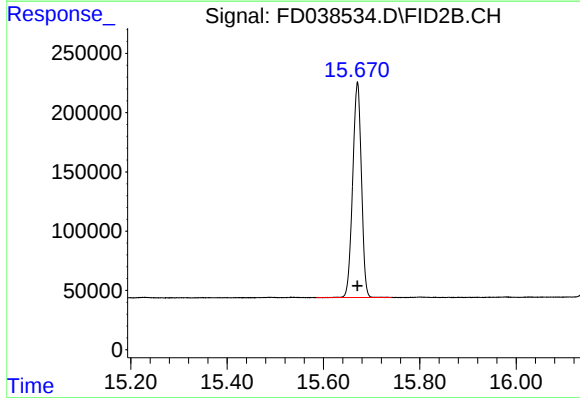
#14 n-Tetracosane (C24)

R.T.: 14.654 min

Delta R.T.: 0.000 min

Response: 2417533

Conc: 18.79 ug/ml



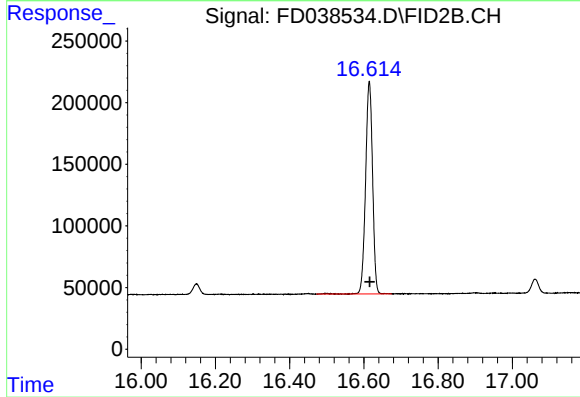
#15 n-Hexacosane (C26)

R.T.: 15.671 min

Delta R.T.: 0.000 min

Response: 2293563

Conc: 18.01 ug/ml



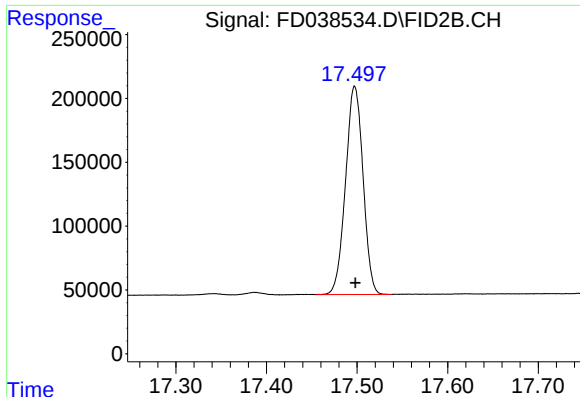
#16 n-Octacosane (C28)

R.T.: 16.615 min

Delta R.T.: -0.001 min

Response: 2246785

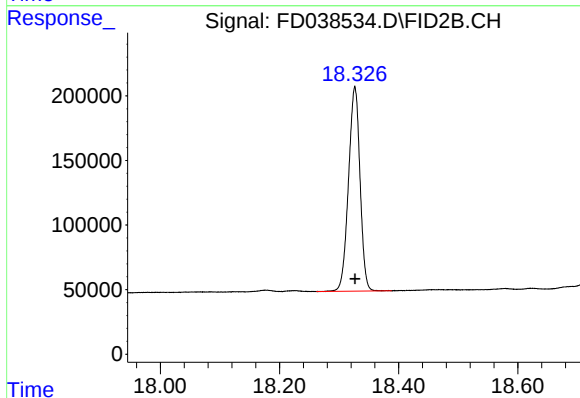
Conc: 17.61 ug/ml



#17 n-Tricontane (C30)

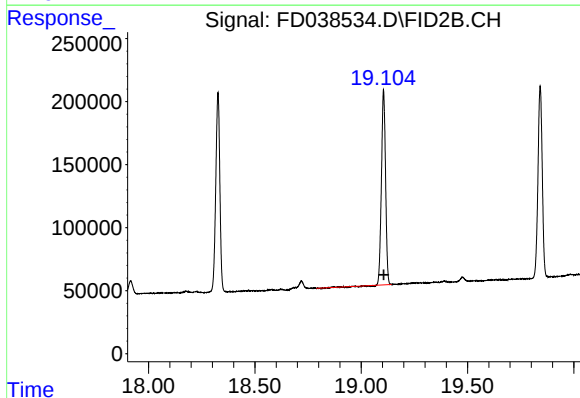
R.T.: 17.498 min
Delta R.T.: 0.000 min
Response: 2189957
Conc: 17.28 ug/ml

Instrument :
FID_D
ClientSampleId :



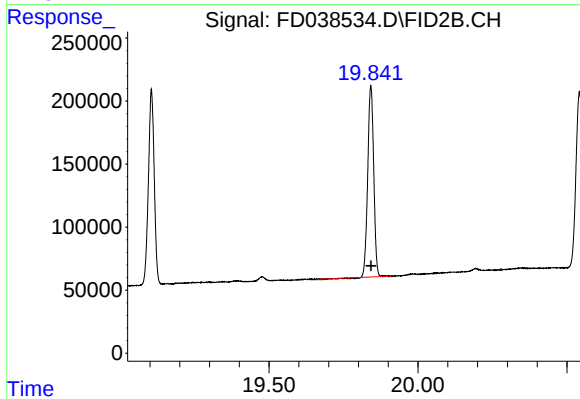
#18 n-Dotriacontane (C32)

R.T.: 18.326 min
Delta R.T.: 0.000 min
Response: 2121268
Conc: 17.26 ug/ml



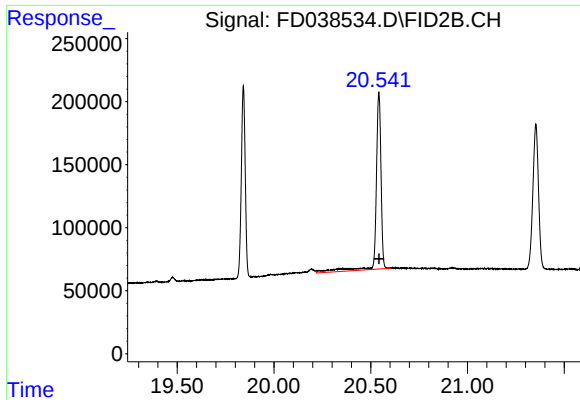
#19 n-Tetratriacontane (C34)

R.T.: 19.105 min
Delta R.T.: 0.000 min
Response: 2065928
Conc: 17.31 ug/ml



#20 n-Hexatriacontane (C36)

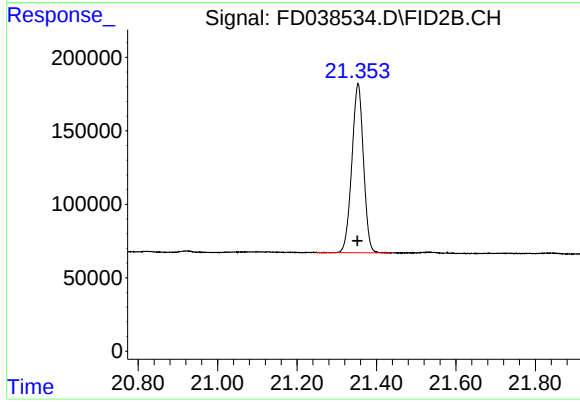
R.T.: 19.842 min
Delta R.T.: 0.000 min
Response: 2107617
Conc: 18.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: -0.001 min
Response: 2485828
Conc: 24.05 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.354 min
Delta R.T.: 0.001 min
Response: 2330941
Conc: 23.22 ug/ml