

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101121AL\
 Data File : FD039076.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2021 19:28
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 12 03:50:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.677	2465644	17.372 ug/ml
Spiked Amount 50.000		Recovery =	34.74%
12) S 1-chlorooctadecane (S...	13.103	1913502	17.017 ug/ml
Spiked Amount 50.000		Recovery =	34.03%
Target Compounds			
1) T n-Nonane (C9)	3.439	2390643	18.953 ug/ml
2) T n-Decane (C10)	4.507	2415706	18.928 ug/ml
3) T A~Naphthalene (C11.7)	6.099	2664010	18.708 ug/ml
4) T n-Dodecane (C12)	6.523	2413035	18.842 ug/ml
5) T A~2-methylnaphthalene...	7.154	2661745	18.593 ug/ml
6) T n-Tetradecane (C14)	8.316	2411351	18.583 ug/ml
7) T n-Hexadecane (C16)	9.914	2384559	18.283 ug/ml
8) T n-Octadecane (C18)	11.352	2378338	17.783 ug/ml
10) T n-Eicosane (C20)	12.658	2299052	17.335 ug/ml
11) T n-Heneicosane (C21)	13.268	2280397	17.030 ug/ml
13) T n-Docosane (C22)	13.853	2223034	16.759 ug/ml
14) T n-Tetracosane (C24)	14.951	2146157	16.197 ug/ml
15) T n-Hexacosane (C26)	15.968	2035286	15.812 ug/ml
16) T n-Octacosane (C28)	16.914	1963681	15.573 ug/ml
17) T n-Tricontane (C30)	17.797	1906911	15.634 ug/ml
18) T n-Dotriacontane (C32)	18.627	1859147	16.036 ug/ml
19) T n-Tetratriacontane (C34)	19.406	1861930	17.249 ug/ml
20) T n-Hexatriacontane (C36)	20.144	1822960	18.630 ug/ml
21) T n-Octatriacontane (C38)	20.883	1810154	20.164 ug/ml
22) T n-Tetracontane (C40)	21.810	1864710	21.168 ug/ml

(f)=RT Delta > 1/2 Window

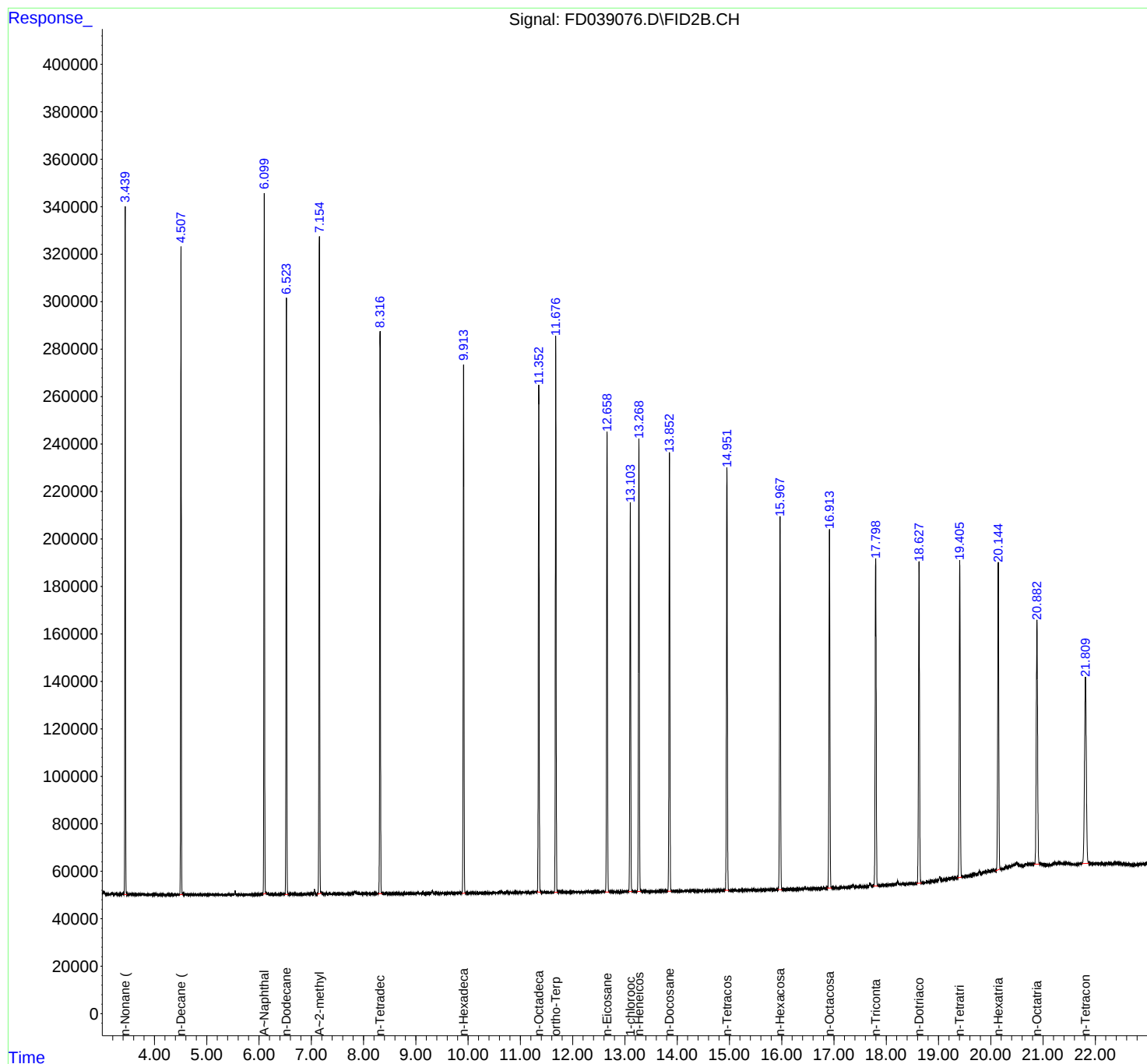
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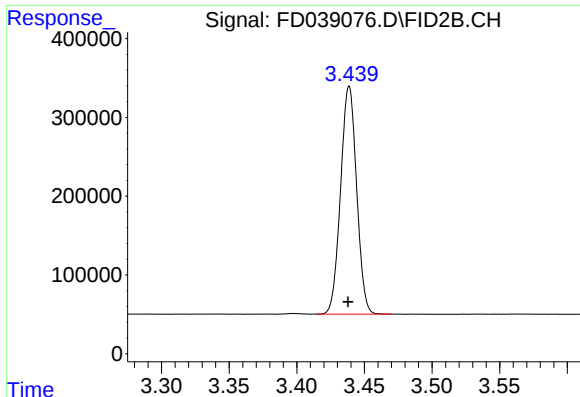
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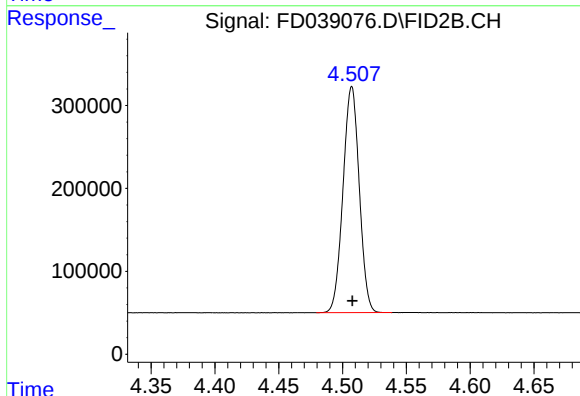




#1 n-Nonane (C9)

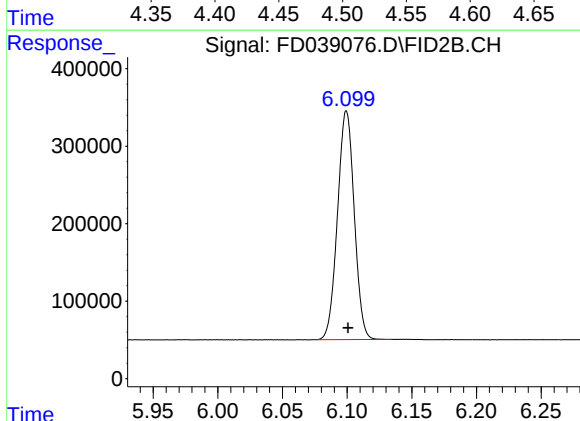
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 2390643
Conc: 18.95 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



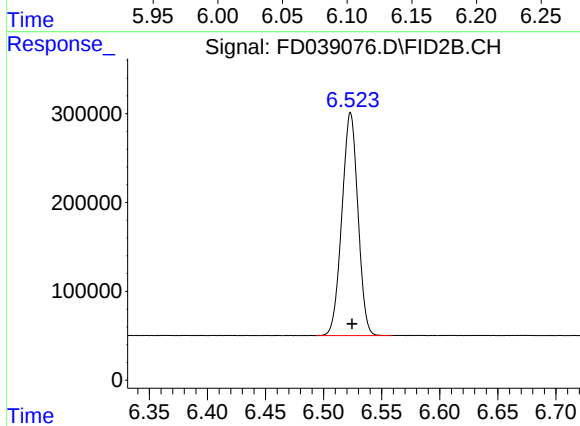
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 2415706
Conc: 18.93 ug/ml



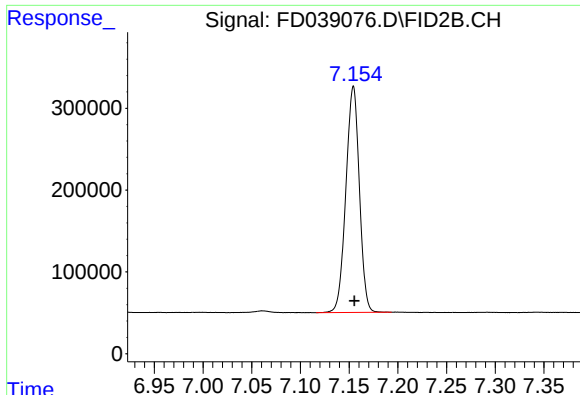
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: -0.001 min
Response: 2664010
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

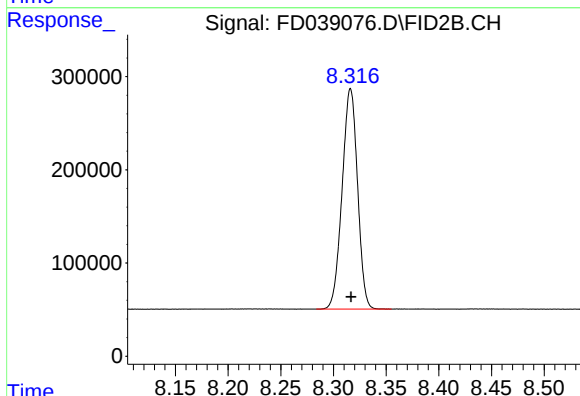
R.T.: 6.523 min
Delta R.T.: -0.001 min
Response: 2413035
Conc: 18.84 ug/ml



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

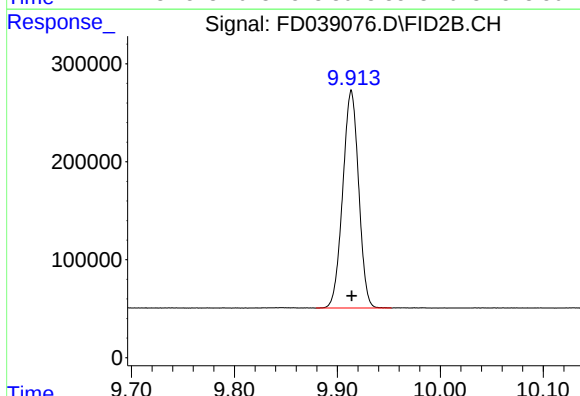
R.T.: 7.154 min
Delta R.T.: -0.001 min
Response: 2661745
Conc: 18.59 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



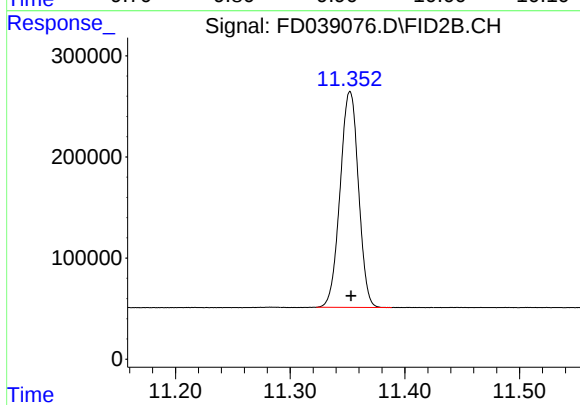
#6 n-Tetradecane (C14)

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 2411351
Conc: 18.58 ug/ml



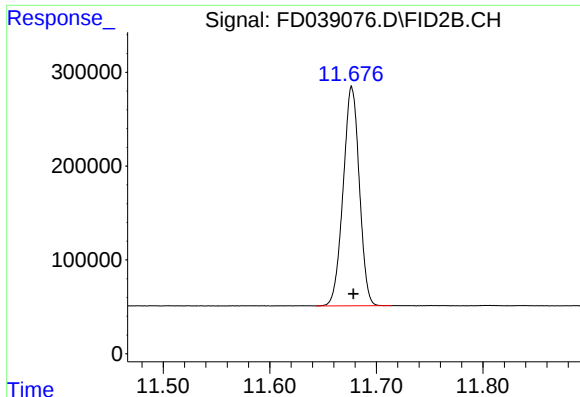
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2384559
Conc: 18.28 ug/ml



#8 n-Octadecane (C18)

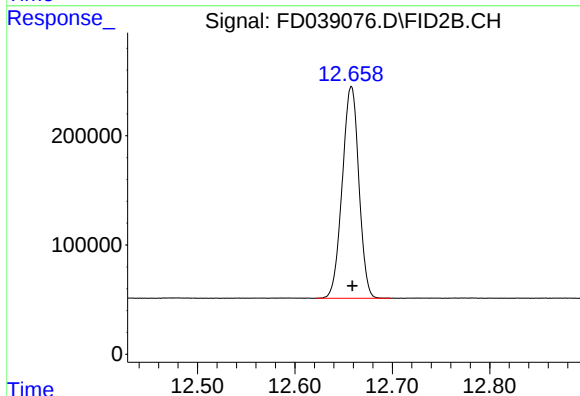
R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 2378338
Conc: 17.78 ug/ml



#9 ortho-Terphenyl (SURR)

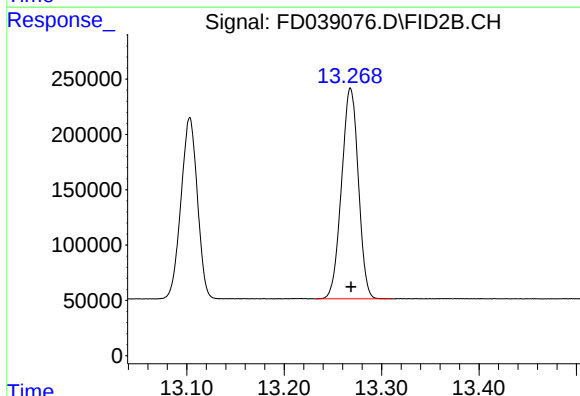
R.T.: 11.677 min
Delta R.T.: -0.001 min
Response: 2465644
Conc: 17.37 ug/ml

Instrument :
FID_D
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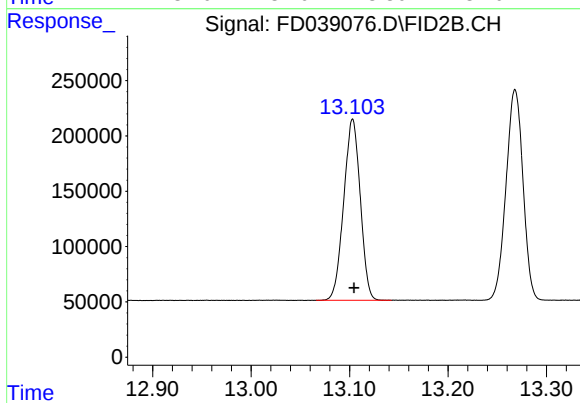
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 2299052
Conc: 17.34 ug/ml



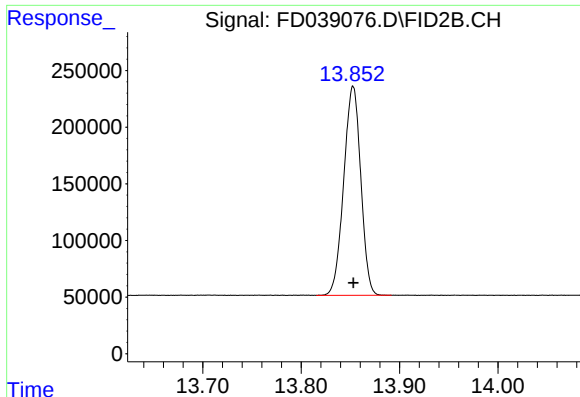
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.000 min
Response: 2280397
Conc: 17.03 ug/ml



#12 1-chlorooctadecane (SURR)

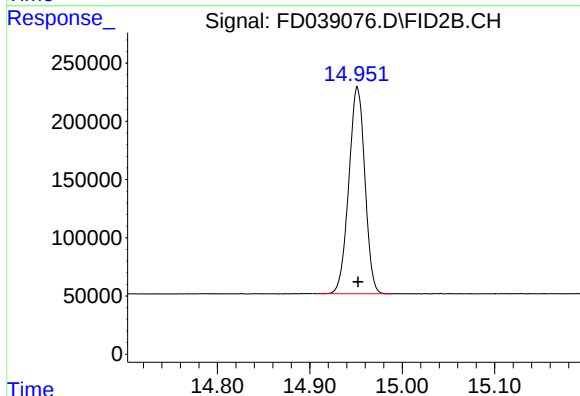
R.T.: 13.103 min
Delta R.T.: -0.001 min
Response: 1913502
Conc: 17.02 ug/ml



#13 n-Docosane (C22)

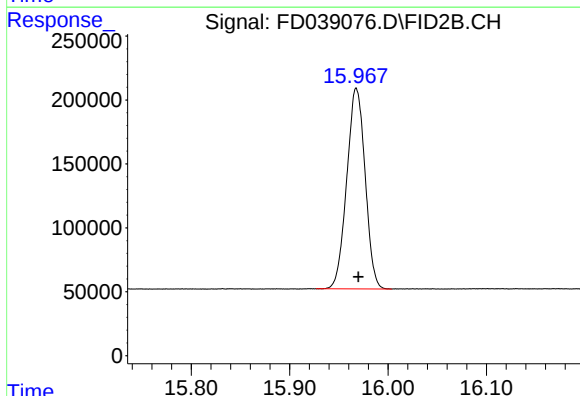
R.T.: 13.853 min
Delta R.T.: 0.000 min
Response: 2223034
Conc: 16.76 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



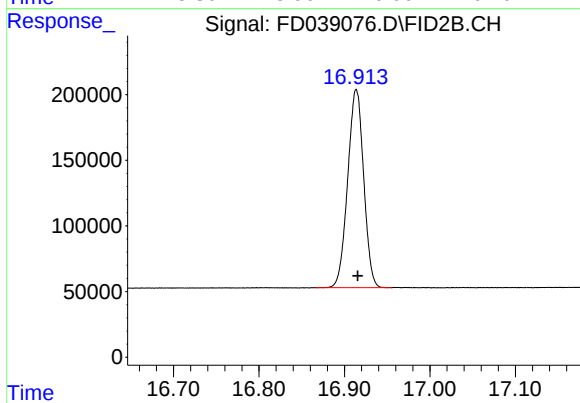
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 2146157
Conc: 16.20 ug/ml



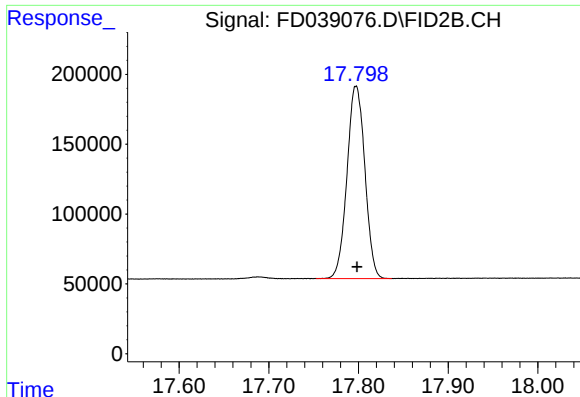
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: -0.002 min
Response: 2035286
Conc: 15.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.914 min
Delta R.T.: -0.002 min
Response: 1963681
Conc: 15.57 ug/ml



#17 n-Tricontane (C30)

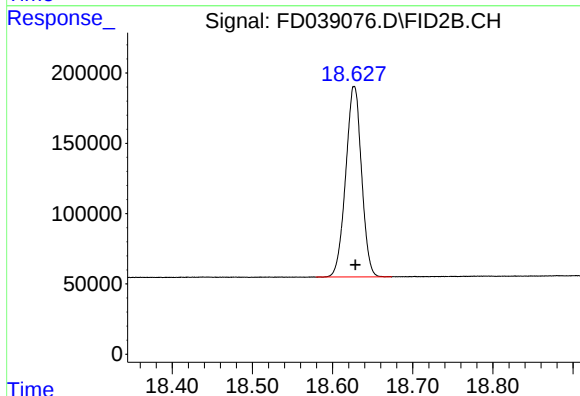
R.T.: 17.797 min

Delta R.T.: -0.001 min

Response: 1906911

Conc: 15.63 ug/ml

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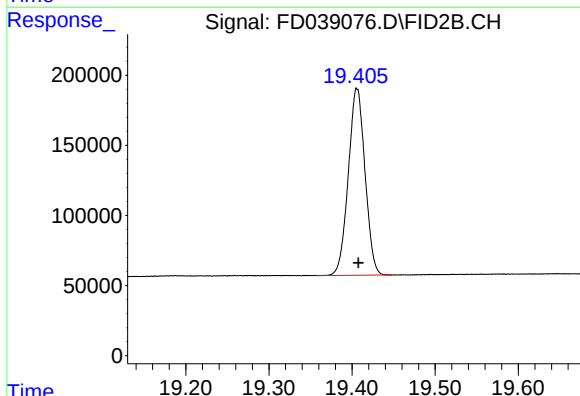
#18 n-Dotriacontane (C32)

R.T.: 18.627 min

Delta R.T.: -0.002 min

Response: 1859147

Conc: 16.04 ug/ml



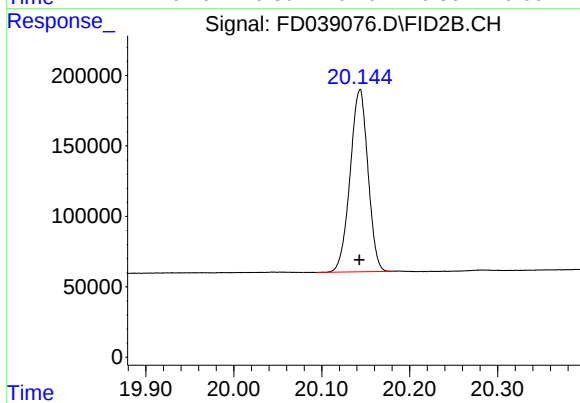
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min

Delta R.T.: -0.002 min

Response: 1861930

Conc: 17.25 ug/ml



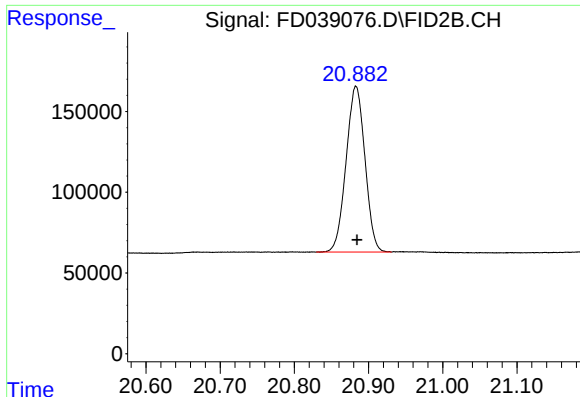
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min

Delta R.T.: 0.000 min

Response: 1822960

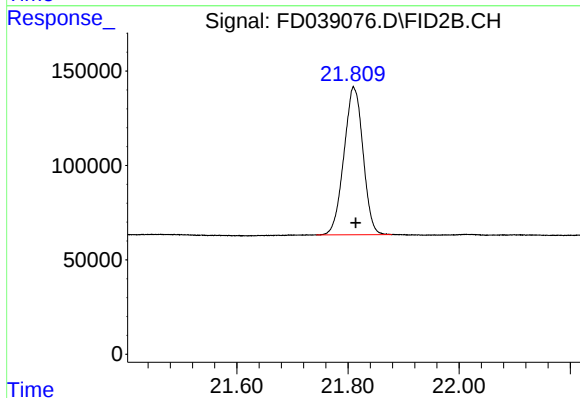
Conc: 18.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: -0.001 min
Response: 1810154
Conc: 20.16 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.810 min
Delta R.T.: -0.004 min
Response: 1864710
Conc: 21.17 ug/ml