

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090920AL\
 Data File : FD034709.D
 Signal(s) : FID2B.CH
 Acq On : 09 Sep 2020 14:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 09 15:16:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 01:55:21 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)	11.593	2574373	20.835 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
12) S 1-chlorooctadecane (S...	13.022	2002309	20.443 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
Target Compounds			
1) T n-Nonane (C9)	3.370	2366507	21.796 ug/ml
2) T n-Decane (C10)	4.439	2395432	21.861 ug/ml
3) T A~Naphthalene (C11.7)	6.023	2638545	21.922 ug/ml
4) T n-Dodecane (C12)	6.452	2447422	21.945 ug/ml
5) T A~2-methylnaphthalene...	7.076	2694785	21.906 ug/ml
6) T n-Tetradecane (C14)	8.242	2437247	21.679 ug/ml
7) T n-Hexadecane (C16)	9.838	2382672	21.404 ug/ml
8) T n-Octadecane (C18)	11.274	2446234	21.072 ug/ml
10) T n-Eicosane (C20)	12.579	2424387	20.727 ug/ml
11) T n-Heneicosane (C21)	13.189	2390674	20.496 ug/ml
13) T n-Docosane (C22)	13.772	2355221	20.259 ug/ml
14) T n-Tetracosane (C24)	14.871	2322866	20.101 ug/ml
15) T n-Hexacosane (C26)	15.887	2260109	19.942 ug/ml
16) T n-Octacosane (C28)	16.832	2221629	19.846 ug/ml
17) T n-Tricontane (C30)	17.715	2172915	20.034 ug/ml
18) T n-Dotriacontane (C32)	18.544	2034889	20.195 ug/ml
19) T n-Tetratriacontane (C34)	19.322	1933679	20.477 ug/ml
20) T n-Hexatriacontane (C36)	20.057	1831651	21.084 ug/ml
21) T n-Octatriacontane (C38)	20.787	1750717	21.335 ug/ml
22) T n-Tetracontane (C40)	21.686	1789006	21.072 ug/ml

(f)=RT Delta > 1/2 Window

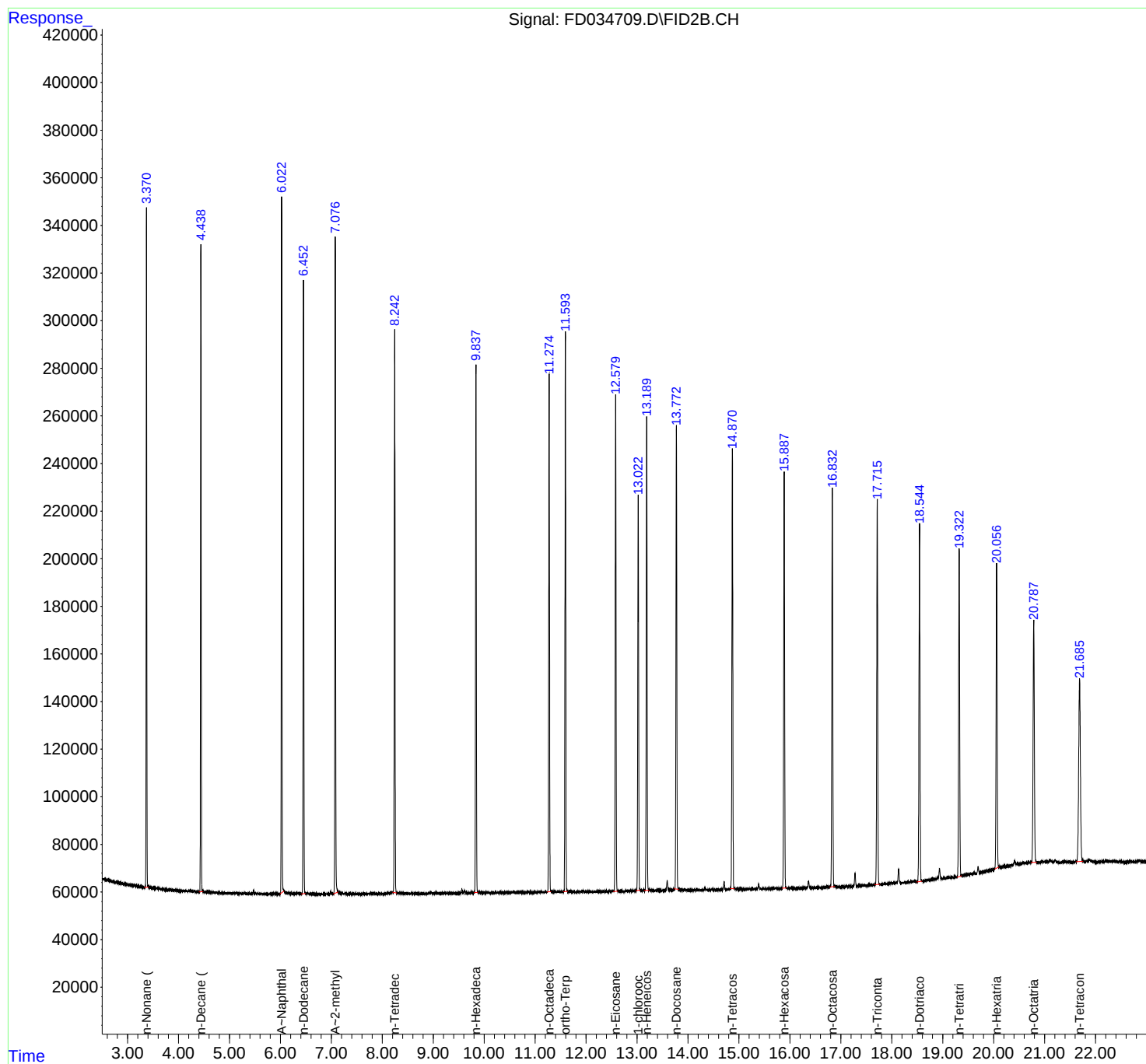
(m)=manual int.

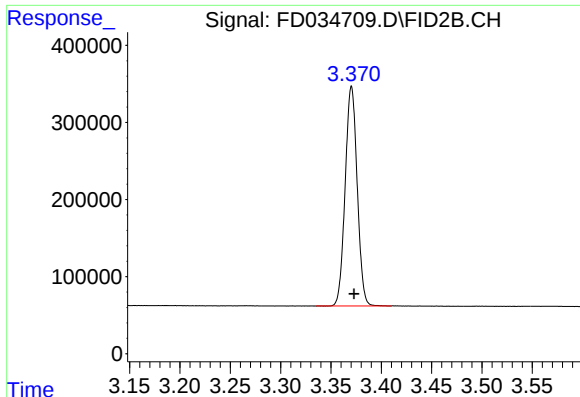
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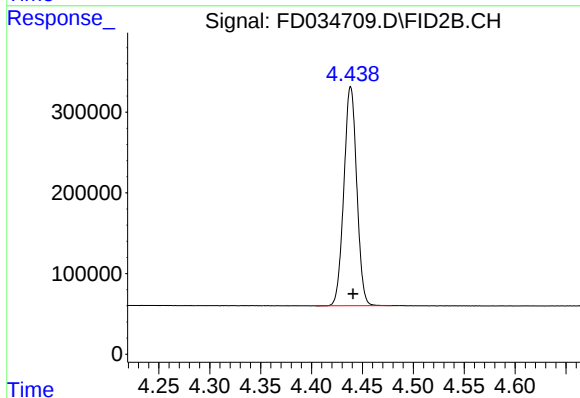




#1 n-Nonane (C9)

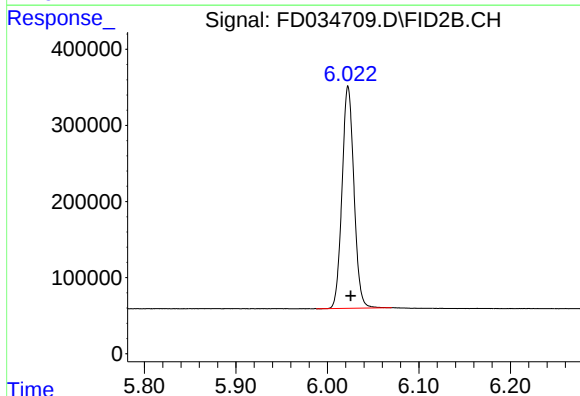
R.T.: 3.370 min
Delta R.T.: -0.003 min
Response: 2366507
Conc: 21.80 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



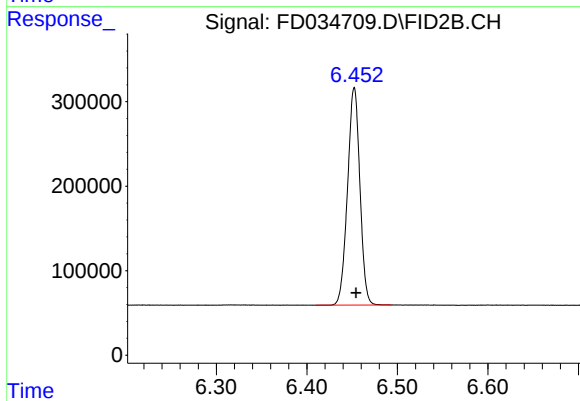
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 2395432
Conc: 21.86 ug/ml



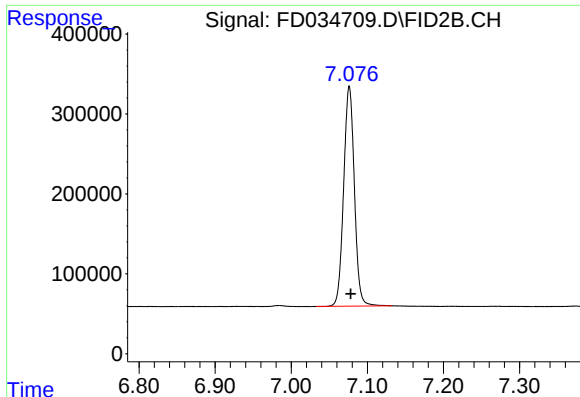
#3 A~Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 2638545
Conc: 21.92 ug/ml



#4 n-Dodecane (C12)

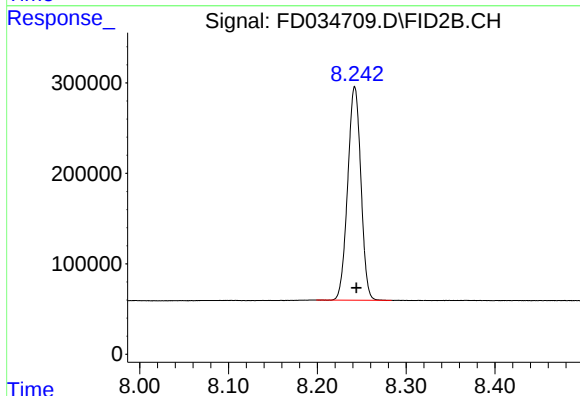
R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 2447422
Conc: 21.95 ug/ml



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

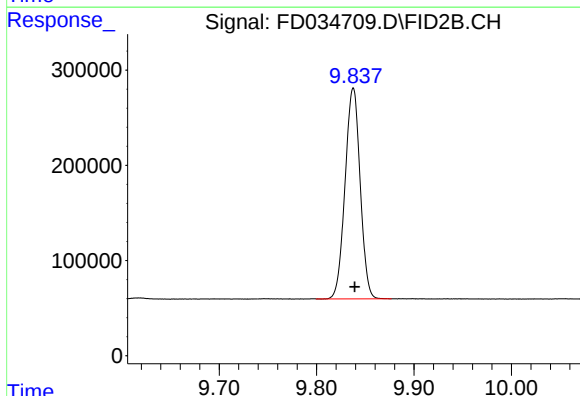
R.T.: 7.076 min
Delta R.T.: -0.002 min
Response: 2694785
Conc: 21.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



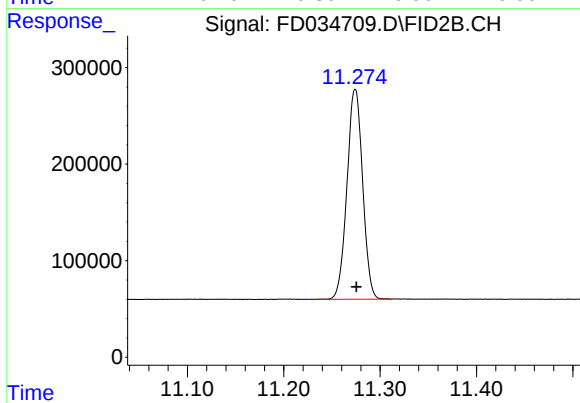
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.002 min
Response: 2437247
Conc: 21.68 ug/ml



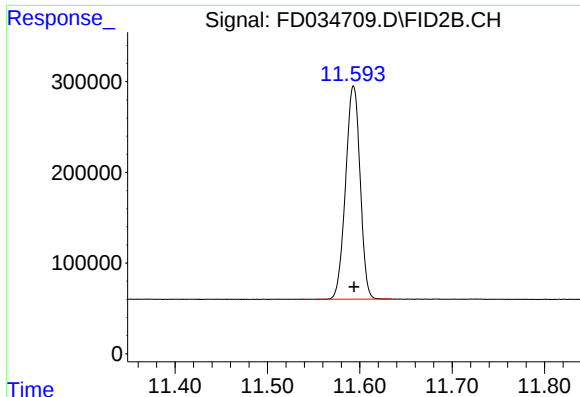
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: -0.002 min
Response: 2382672
Conc: 21.40 ug/ml



#8 n-Octadecane (C18)

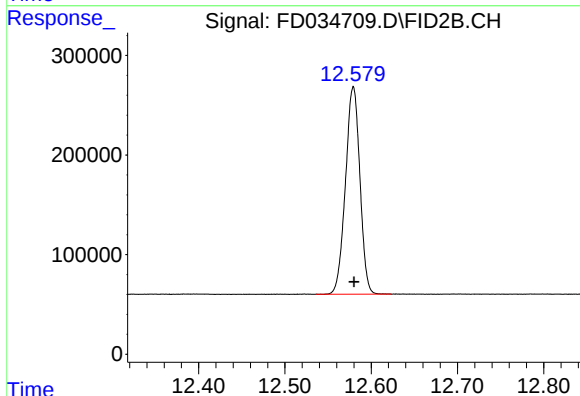
R.T.: 11.274 min
Delta R.T.: -0.001 min
Response: 2446234
Conc: 21.07 ug/ml



#9 ortho-Terphenyl (SURR)

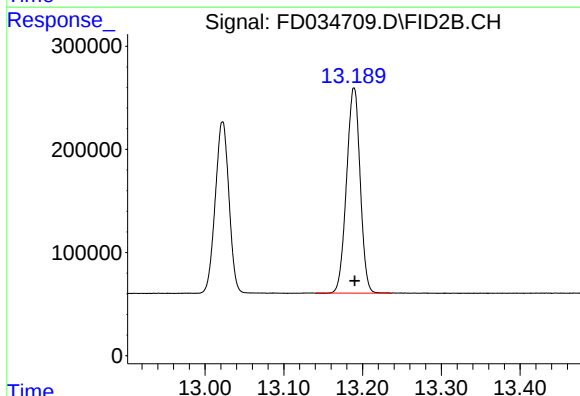
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 2574373
Conc: 20.83 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



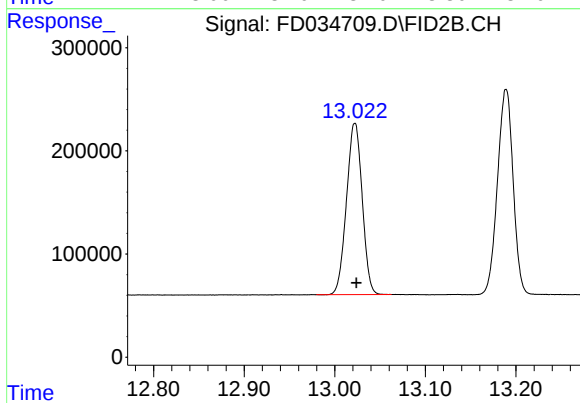
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: -0.001 min
Response: 2424387
Conc: 20.73 ug/ml



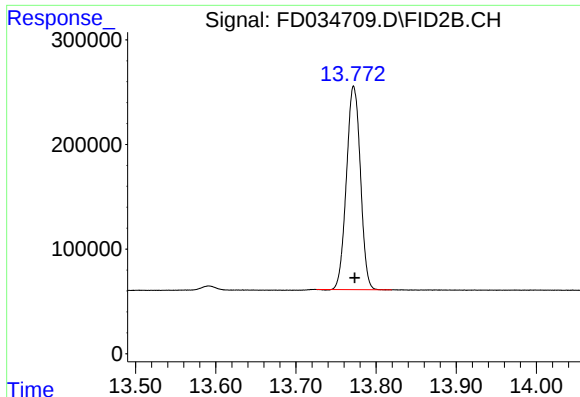
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.001 min
Response: 2390674
Conc: 20.50 ug/ml



#12 1-chlorooctadecane (SURR)

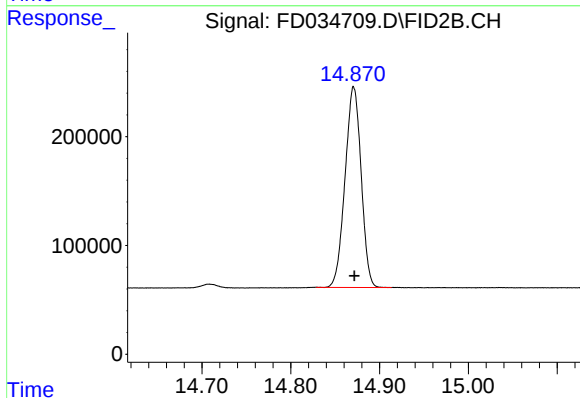
R.T.: 13.022 min
Delta R.T.: -0.002 min
Response: 2002309
Conc: 20.44 ug/ml



#13 n-Docosane (C22)

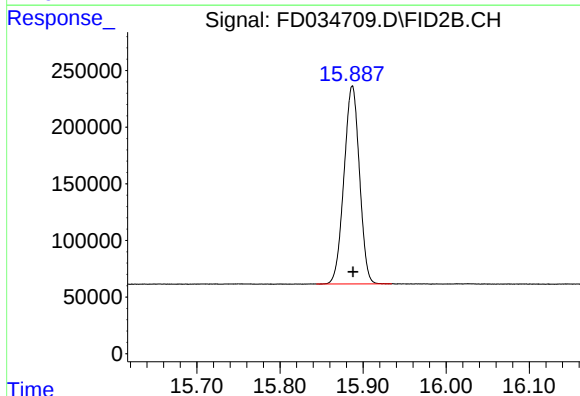
R.T.: 13.772 min
Delta R.T.: -0.001 min
Response: 2355221
Conc: 20.26 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



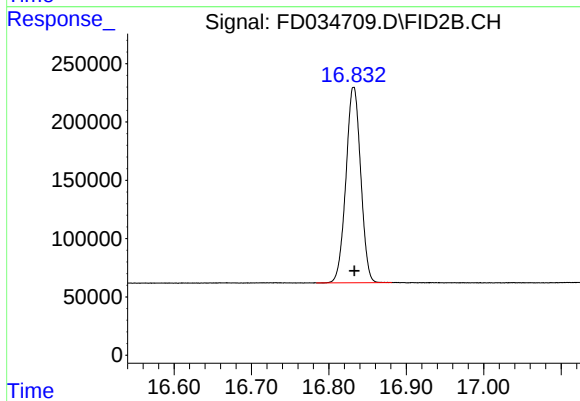
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.001 min
Response: 2322866
Conc: 20.10 ug/ml



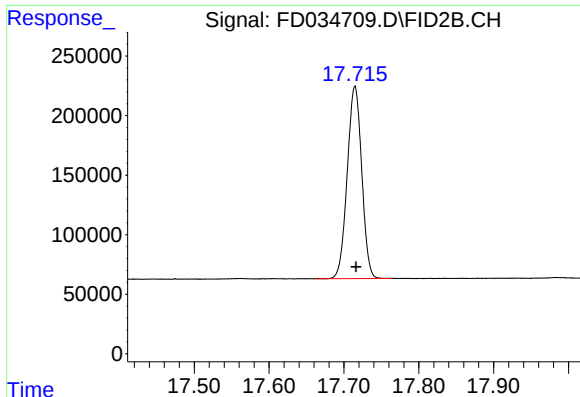
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.001 min
Response: 2260109
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

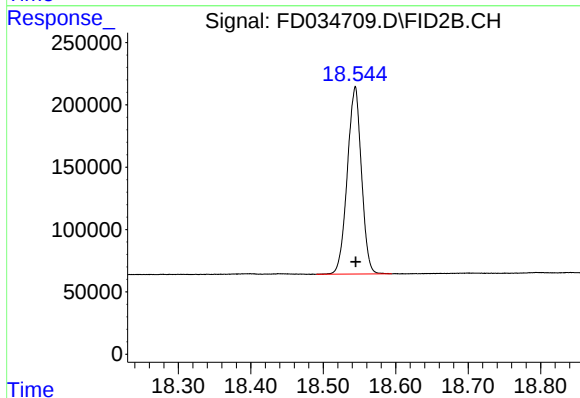
R.T.: 16.832 min
Delta R.T.: 0.000 min
Response: 2221629
Conc: 19.85 ug/ml



#17 n-Tricontane (C30)

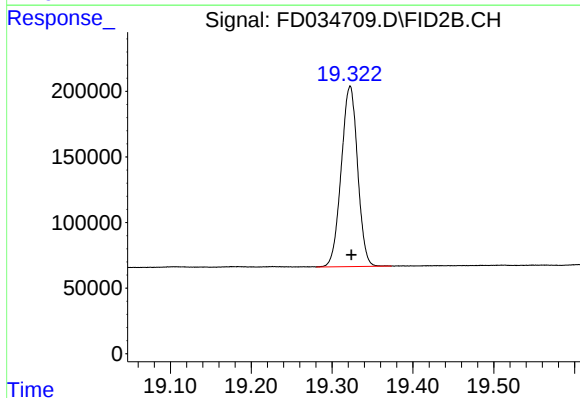
R.T.: 17.715 min
Delta R.T.: -0.002 min
Response: 2172915
Conc: 20.03 ug/ml

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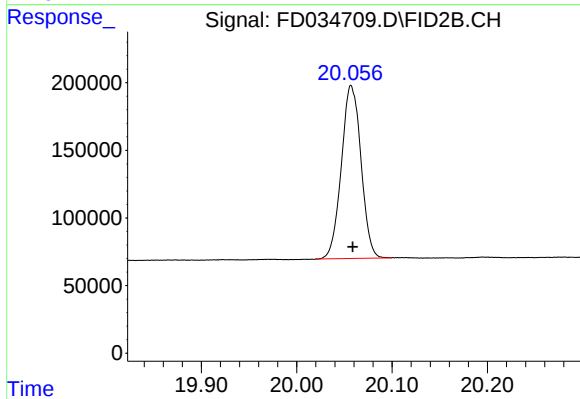
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: 0.000 min
Response: 2034889
Conc: 20.19 ug/ml



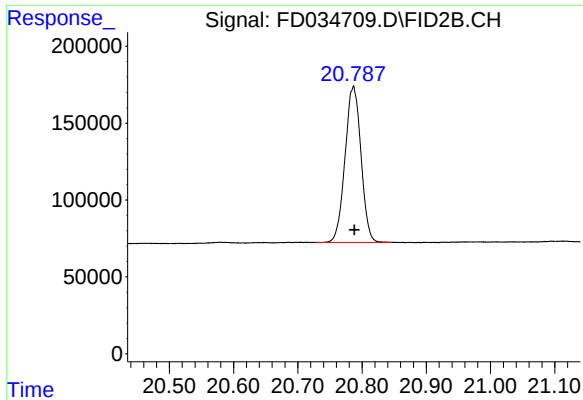
#19 n-Tetratriacontane (C34)

R.T.: 19.322 min
Delta R.T.: -0.002 min
Response: 1933679
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

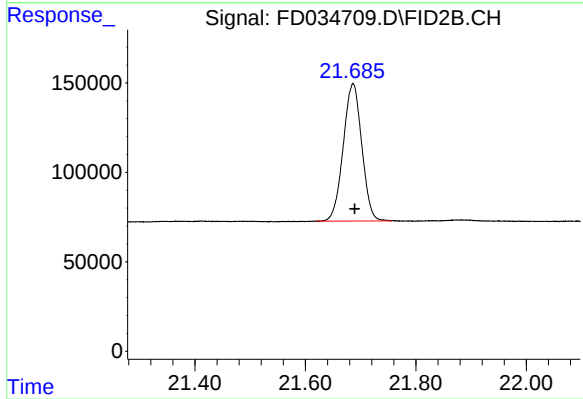
R.T.: 20.057 min
Delta R.T.: -0.002 min
Response: 1831651
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.001 min
Response: 1750717
Conc: 21.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.686 min
Delta R.T.: -0.003 min
Response: 1789006
Conc: 21.07 ug/ml