

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090820AL\
 Data File : FD034691.D
 Signal(s) : FID2B.CH
 Acq On : 09 Sep 2020 3:44
 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 06:19:56 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)	11.595	2527737	20.457 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
12) S 1-chlorooctadecane (S...	13.024	1969340	20.107 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T n-Nonane (C9)	3.372	2327641	21.438 ug/ml
2) T n-Decane (C10)	4.440	2355140	21.493 ug/ml
3) T A~Naphthalene (C11.7)	6.024	2601607	21.615 ug/ml
4) T n-Dodecane (C12)	6.453	2404906	21.564 ug/ml
5) T A~2-methylnaphthalene...	7.078	2657341	21.601 ug/ml
6) T n-Tetradecane (C14)	8.243	2402457	21.370 ug/ml
7) T n-Hexadecane (C16)	9.839	2345990	21.075 ug/ml
8) T n-Octadecane (C18)	11.276	2408902	20.750 ug/ml
10) T n-Eicosane (C20)	12.581	2377860	20.329 ug/ml
11) T n-Heneicosane (C21)	13.190	2346021	20.114 ug/ml
13) T n-Docosane (C22)	13.774	2316252	19.924 ug/ml
14) T n-Tetracosane (C24)	14.872	2260739	19.563 ug/ml
15) T n-Hexacosane (C26)	15.888	2189325	19.318 ug/ml
16) T n-Octacosane (C28)	16.833	2142447	19.139 ug/ml
17) T n-Tricontane (C30)	17.716	2086648	19.239 ug/ml
18) T n-Dotriacontane (C32)	18.545	1959043	19.442 ug/ml
19) T n-Tetratriacontane (C34)	19.325	1866265	19.763 ug/ml
20) T n-Hexatriacontane (C36)	20.060	1782608	20.519 ug/ml
21) T n-Octatriacontane (C38)	20.789	1722148	20.987 ug/ml
22) T n-Tetracontane (C40)	21.689	1743656	20.538 ug/ml

(f)=RT Delta > 1/2 Window

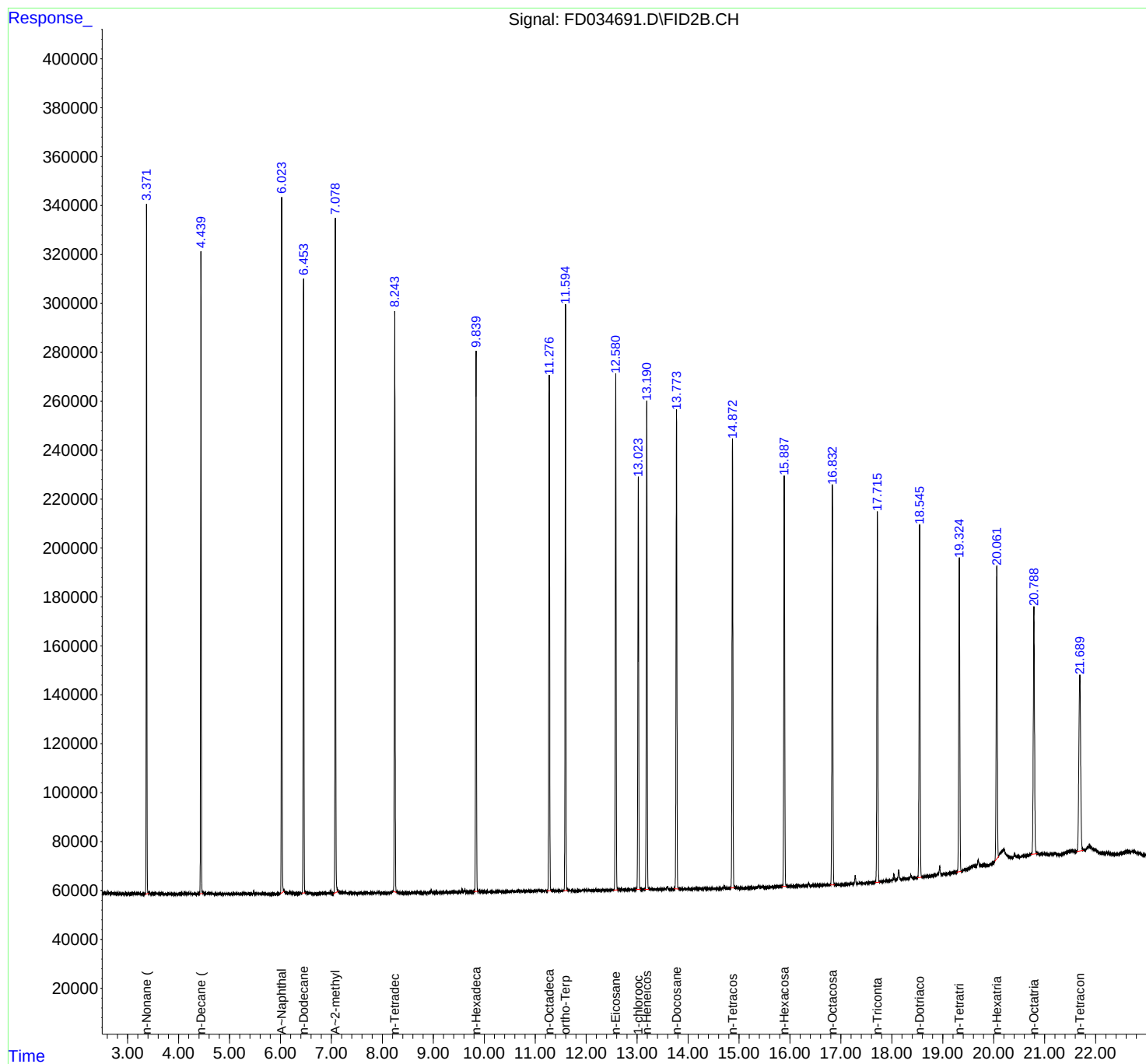
(m)=manual int.

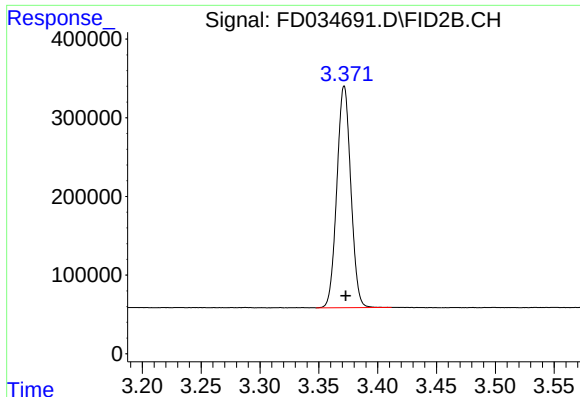
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090820AL\
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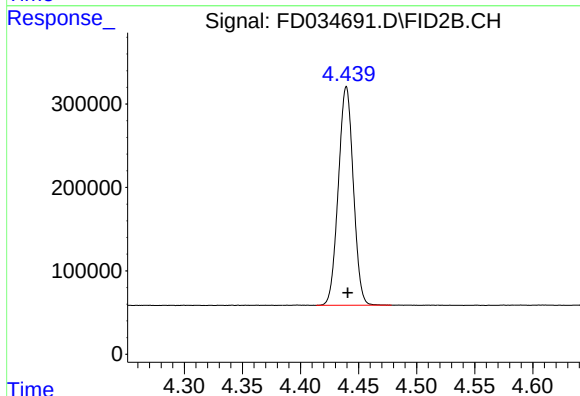




#1 n-Nonane (C9)

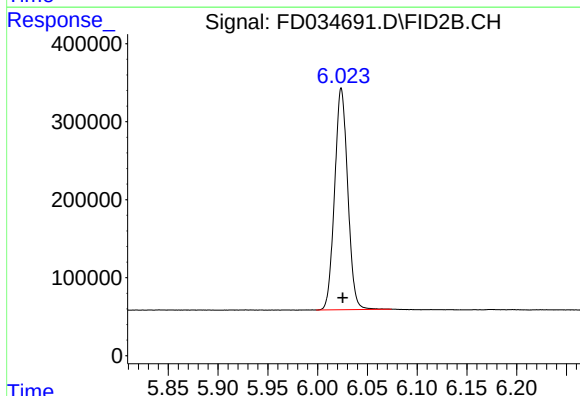
R.T.: 3.372 min
Delta R.T.: -0.001 min
Response: 2327641
Conc: 21.44 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



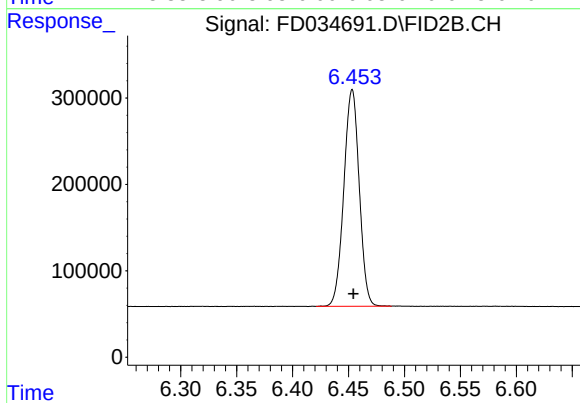
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.001 min
Response: 2355140
Conc: 21.49 ug/ml



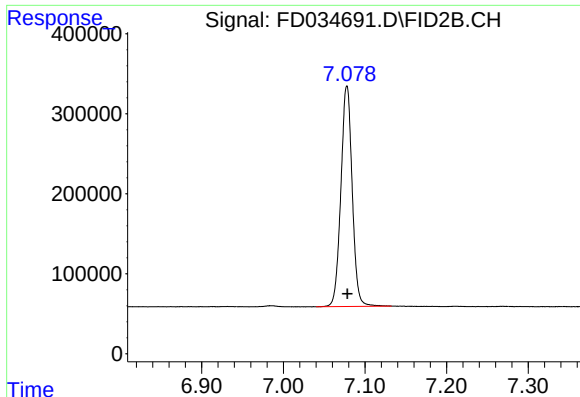
#3 A~Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 2601607
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

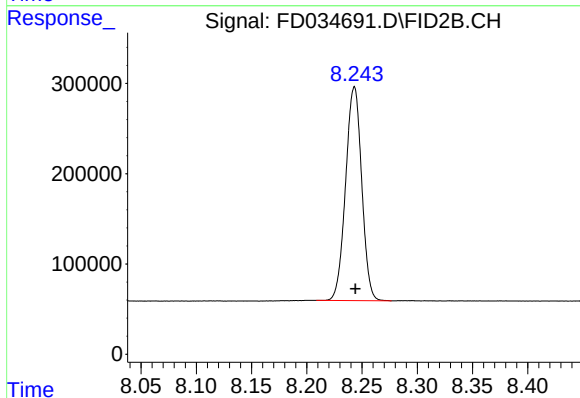
R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 2404906
Conc: 21.56 ug/ml



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

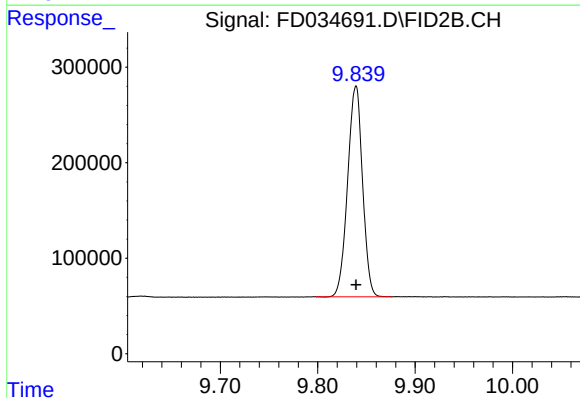
R.T.: 7.078 min
Delta R.T.: 0.000 min
Response: 2657341
Conc: 21.60 ug/ml

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20 PPM ALIPHATIC HC STD



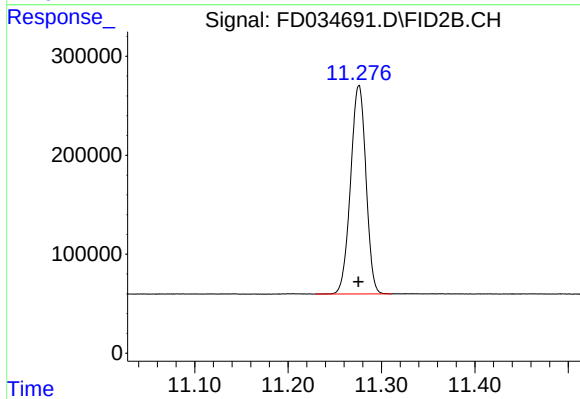
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 2402457
Conc: 21.37 ug/ml



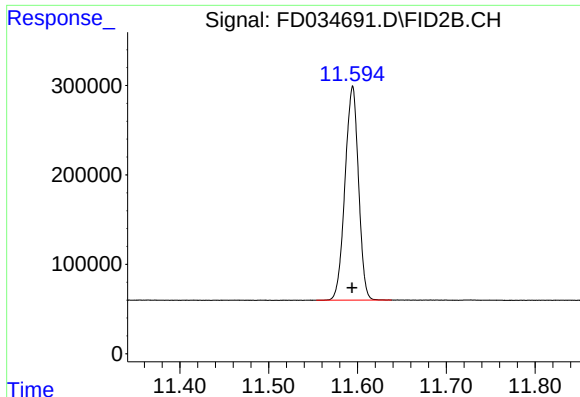
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 2345990
Conc: 21.07 ug/ml



#8 n-Octadecane (C18)

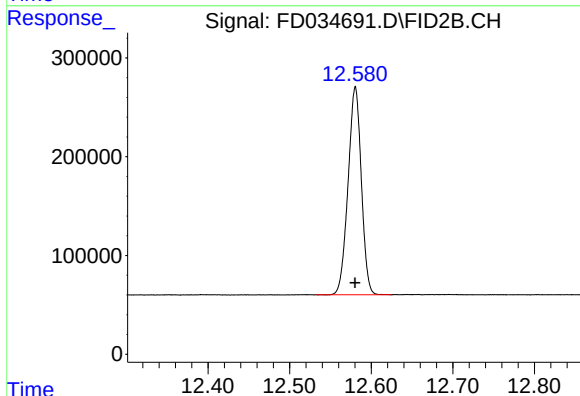
R.T.: 11.276 min
Delta R.T.: 0.000 min
Response: 2408902
Conc: 20.75 ug/ml



#9 ortho-Terphenyl (SURR)

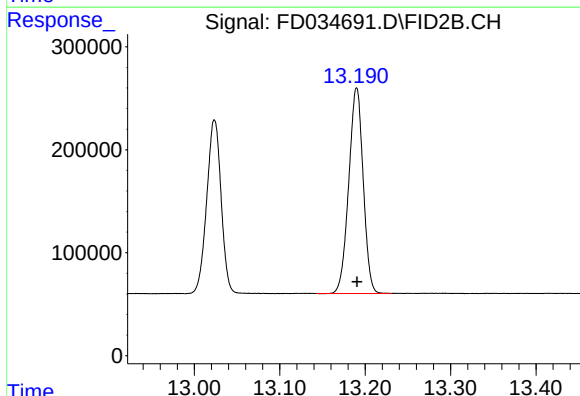
R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 2527737
Conc: 20.46 ug/ml

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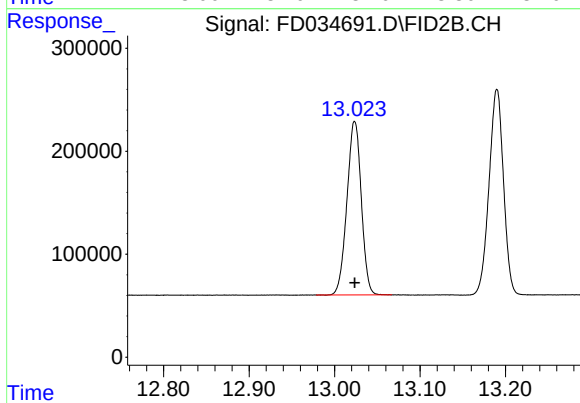
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: 0.000 min
Response: 2377860
Conc: 20.33 ug/ml



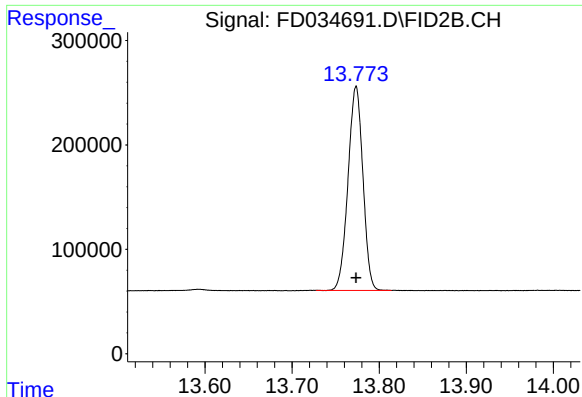
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: 0.000 min
Response: 2346021
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

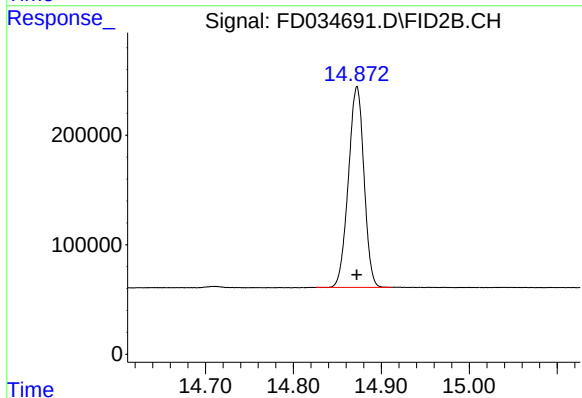
R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 1969340
Conc: 20.11 ug/ml



#13 n-Docosane (C22)

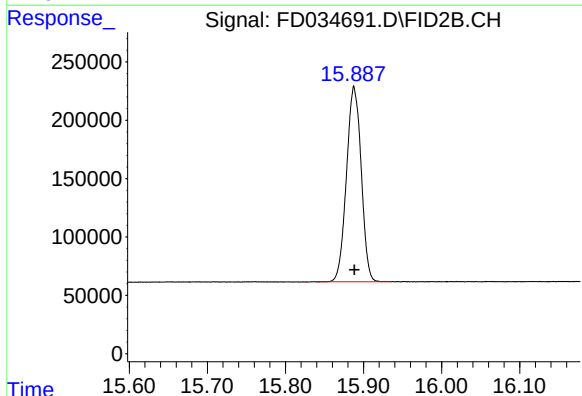
R.T.: 13.774 min
Delta R.T.: 0.000 min
Response: 2316252
Conc: 19.92 ug/ml

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20 PPM ALIPHATIC HC STD



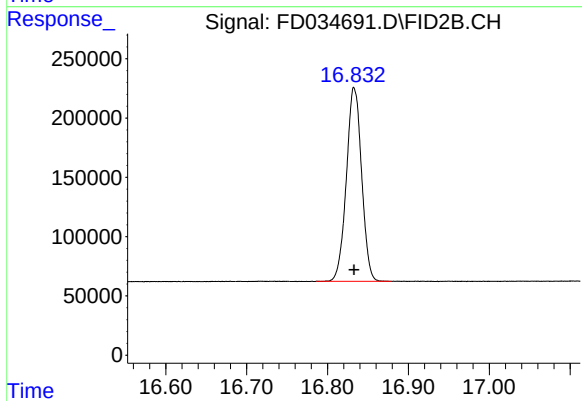
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: 0.000 min
Response: 2260739
Conc: 19.56 ug/ml



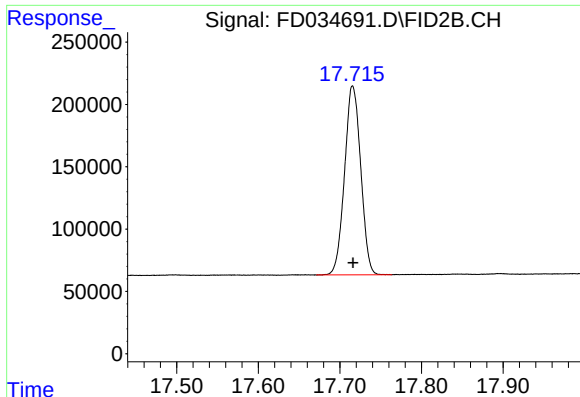
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 2189325
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

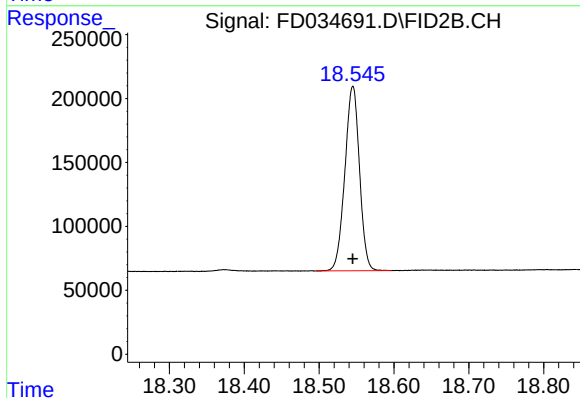
R.T.: 16.833 min
Delta R.T.: 0.000 min
Response: 2142447
Conc: 19.14 ug/ml



#17 n-Tricontane (C30)

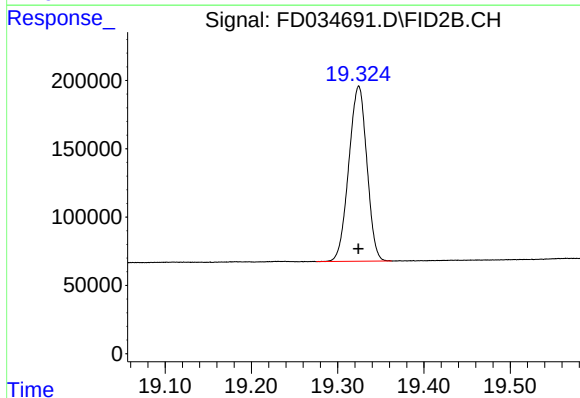
R.T.: 17.716 min
Delta R.T.: 0.000 min
Response: 2086648
Conc: 19.24 ug/ml

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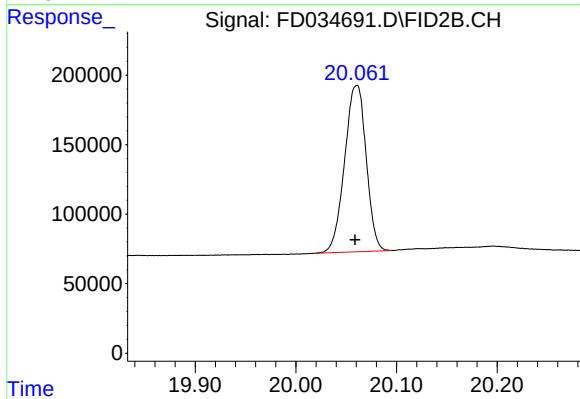
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.000 min
Response: 1959043
Conc: 19.44 ug/ml



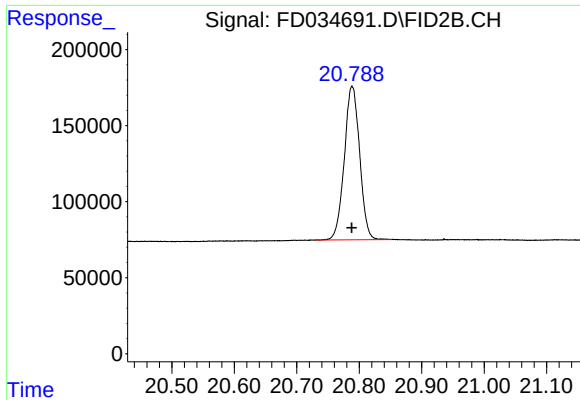
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: 0.000 min
Response: 1866265
Conc: 19.76 ug/ml



#20 n-Hexatriacontane (C36)

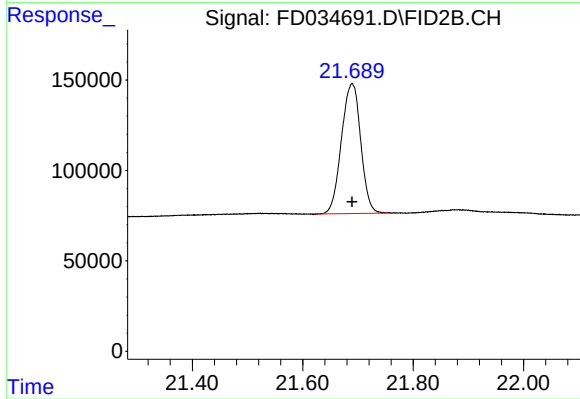
R.T.: 20.060 min
Delta R.T.: 0.002 min
Response: 1782608
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: 0.000 min
Response: 1722148
Conc: 20.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.689 min
Delta R.T.: 0.000 min
Response: 1743656
Conc: 20.54 ug/ml