

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090820AL\
 Data File : FD034699.D
 Signal(s) : FID2B.CH
 Acq On : 09 Sep 2020 8:33
 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 08:58:35 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)	11.594	2530600	20.480 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
12) S 1-chlorooctadecane (S...	13.023	1968907	20.102 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
Target Compounds			
1) T n-Nonane (C9)	3.371	2334050	21.497 ug/ml
2) T n-Decane (C10)	4.439	2360512	21.542 ug/ml
3) T A~Naphthalene (C11.7)	6.024	2602749	21.625 ug/ml
4) T n-Dodecane (C12)	6.453	2414750	21.652 ug/ml
5) T A~2-methylnaphthalene...	7.077	2659116	21.616 ug/ml
6) T n-Tetradecane (C14)	8.243	2405208	21.394 ug/ml
7) T n-Hexadecane (C16)	9.838	2353818	21.145 ug/ml
8) T n-Octadecane (C18)	11.275	2408857	20.750 ug/ml
10) T n-Eicosane (C20)	12.579	2378574	20.335 ug/ml
11) T n-Heneicosane (C21)	13.189	2343815	20.095 ug/ml
13) T n-Docosane (C22)	13.773	2315835	19.920 ug/ml
14) T n-Tetracosane (C24)	14.870	2274097	19.679 ug/ml
15) T n-Hexacosane (C26)	15.888	2201210	19.423 ug/ml
16) T n-Octacosane (C28)	16.832	2162480	19.318 ug/ml
17) T n-Tricontane (C30)	17.715	2113222	19.484 ug/ml
18) T n-Dotriacontane (C32)	18.544	1982150	19.671 ug/ml
19) T n-Tetratriacontane (C34)	19.323	1889216	20.006 ug/ml
20) T n-Hexatriacontane (C36)	20.059	1800512	20.725 ug/ml
21) T n-Octatriacontane (C38)	20.788	1733341	21.123 ug/ml
22) T n-Tetracontane (C40)	21.687	1752788	20.646 ug/ml

(f)=RT Delta > 1/2 Window

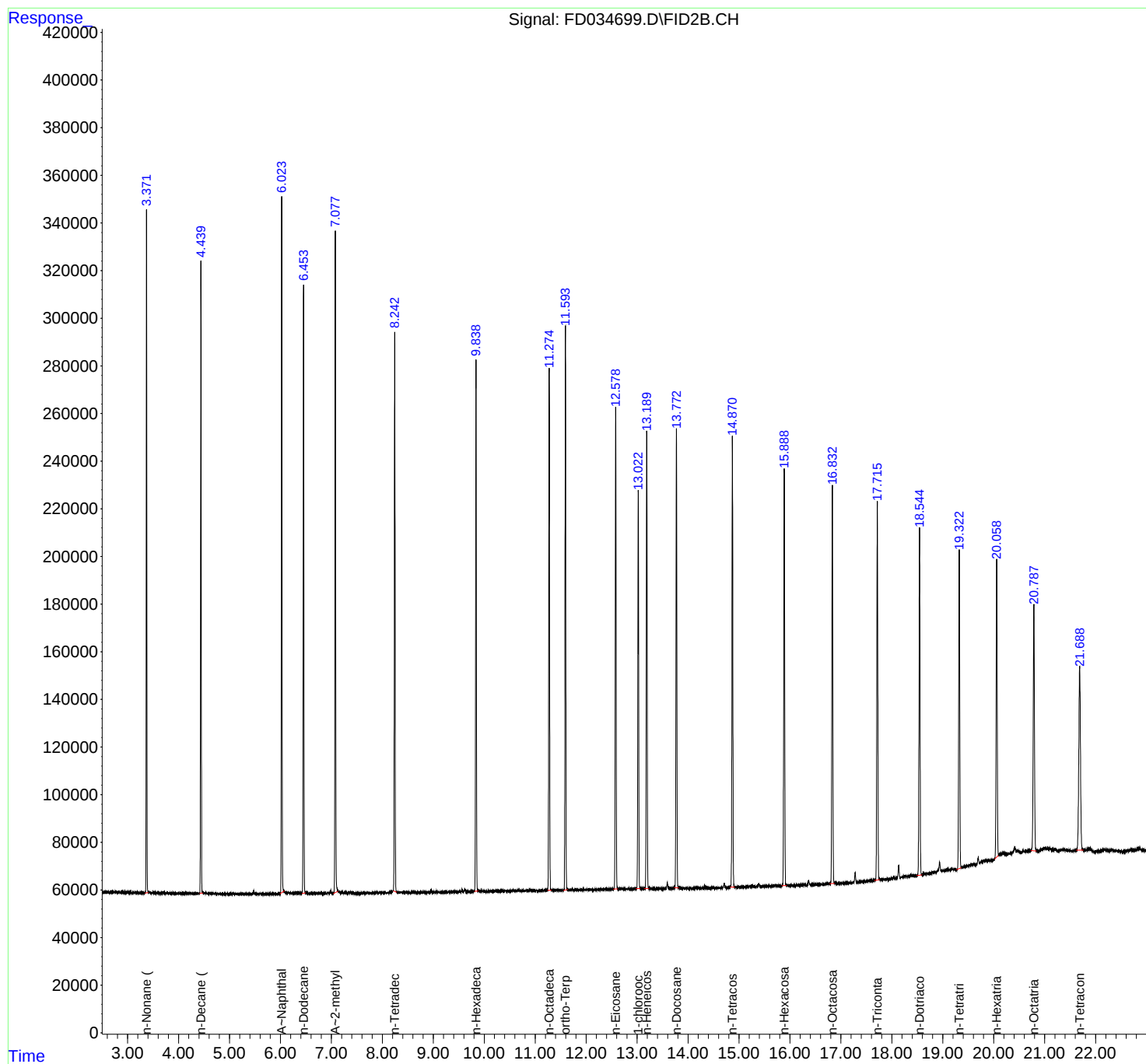
(m)=manual int.

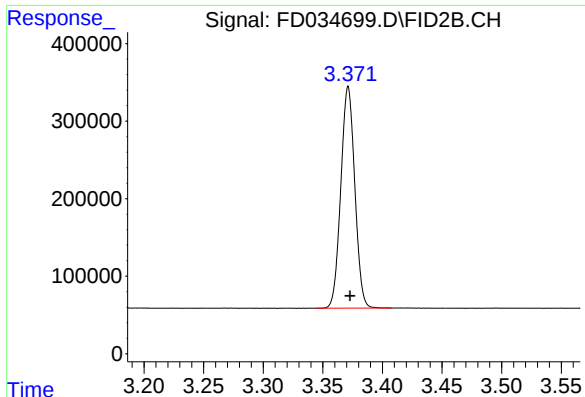
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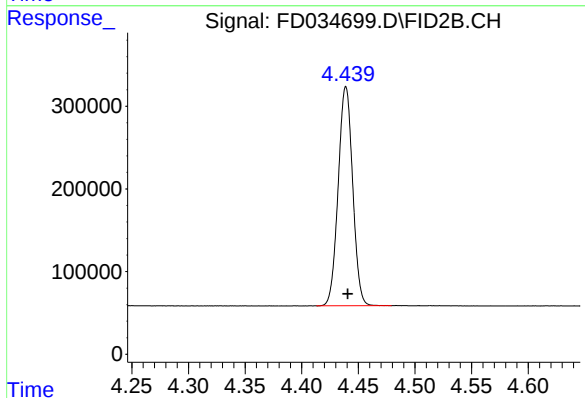




#1 n-Nonane (C9)

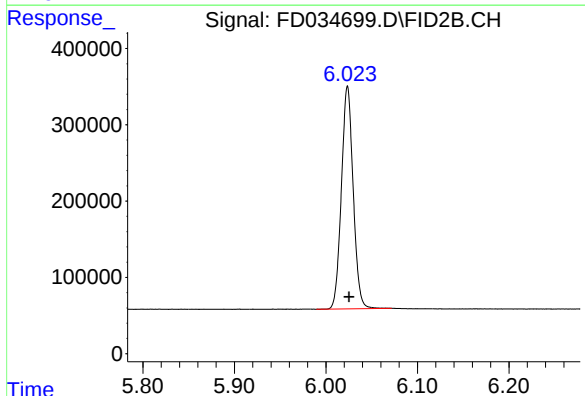
R.T.: 3.371 min
Delta R.T.: -0.002 min
Response: 2334050
Conc: 21.50 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



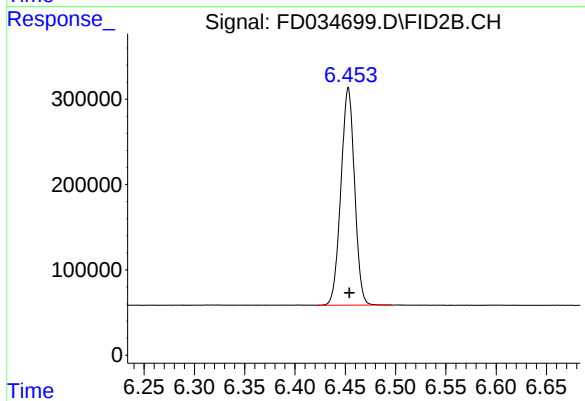
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 2360512
Conc: 21.54 ug/ml



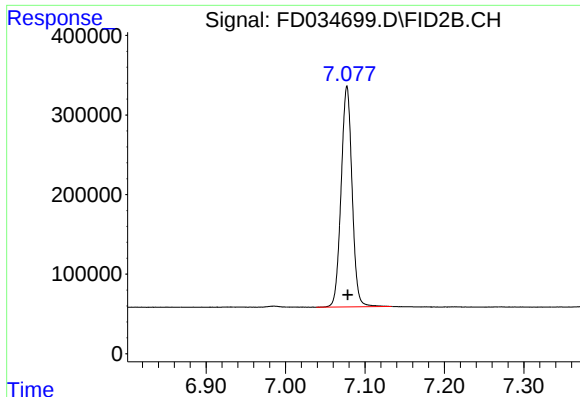
#3 A~Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 2602749
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

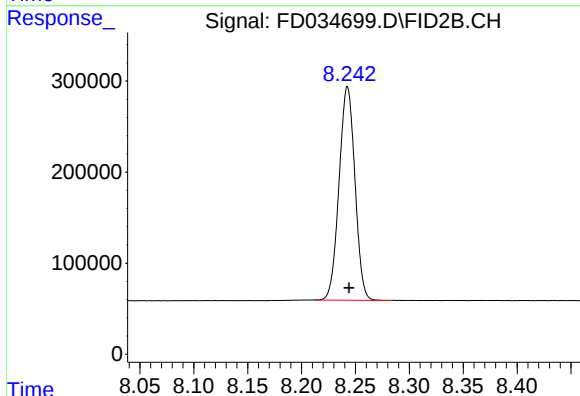
R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 2414750
Conc: 21.65 ug/ml



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

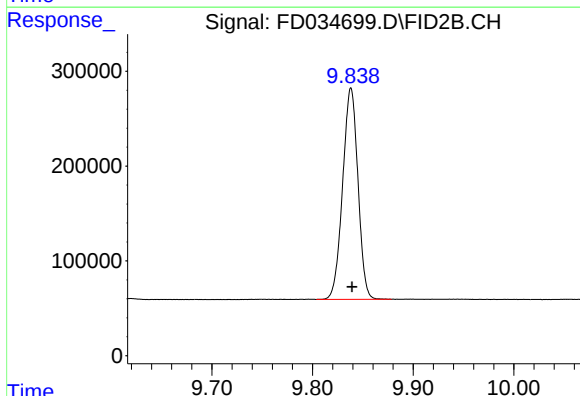
R.T.: 7.077 min
Delta R.T.: 0.000 min
Response: 2659116
Conc: 21.62 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



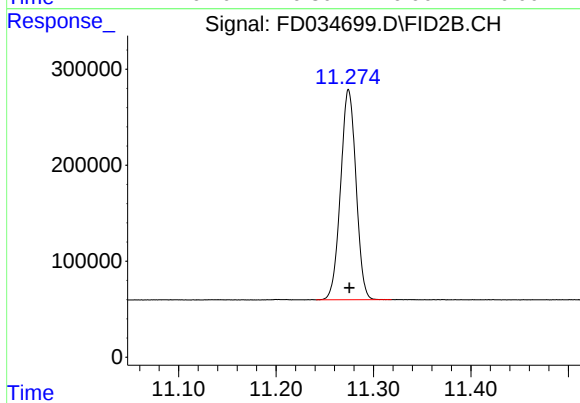
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: -0.001 min
Response: 2405208
Conc: 21.39 ug/ml



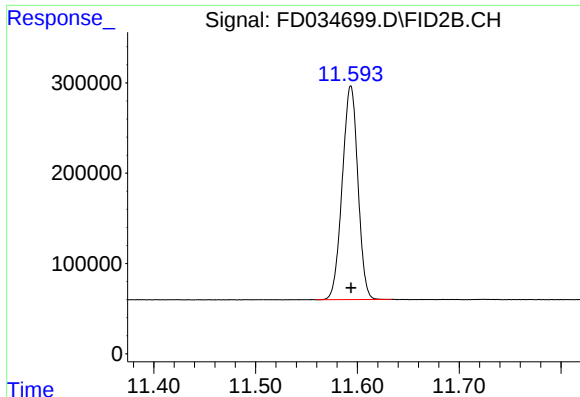
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 2353818
Conc: 21.15 ug/ml



#8 n-Octadecane (C18)

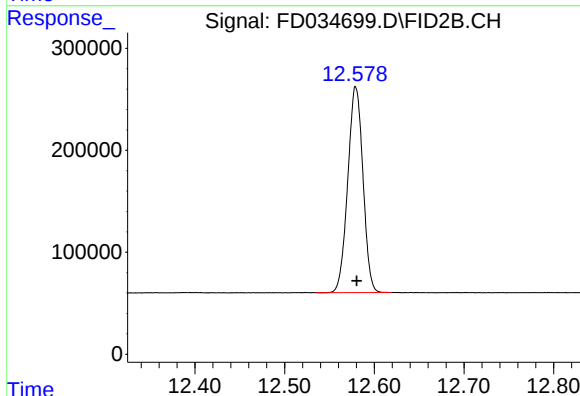
R.T.: 11.275 min
Delta R.T.: 0.000 min
Response: 2408857
Conc: 20.75 ug/ml



#9 ortho-Terphenyl (SURR)

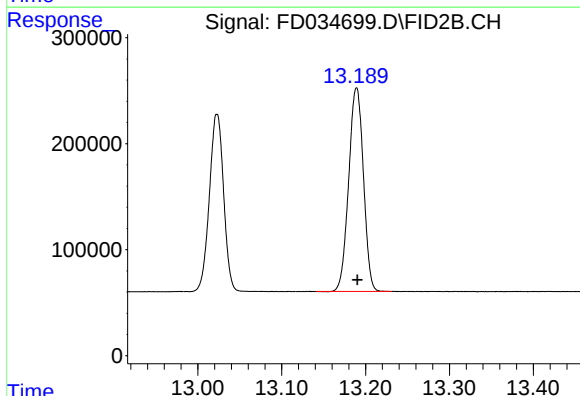
R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 2530600
Conc: 20.48 ug/ml

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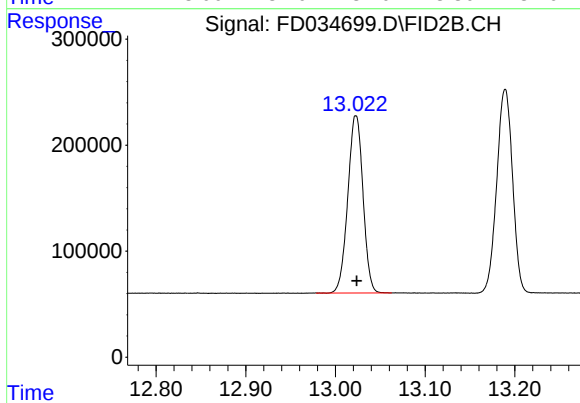
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: -0.001 min
Response: 2378574
Conc: 20.34 ug/ml



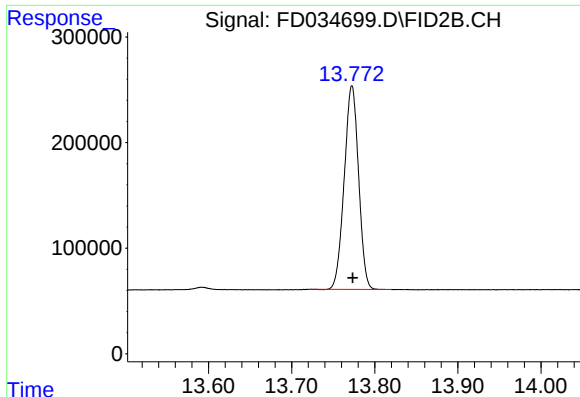
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: 0.000 min
Response: 2343815
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

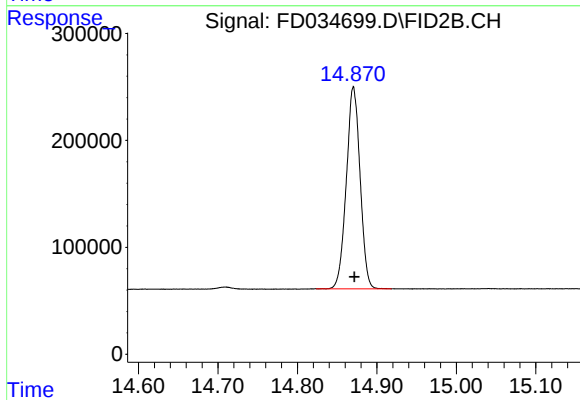
R.T.: 13.023 min
Delta R.T.: 0.000 min
Response: 1968907
Conc: 20.10 ug/ml



#13 n-Docosane (C22)

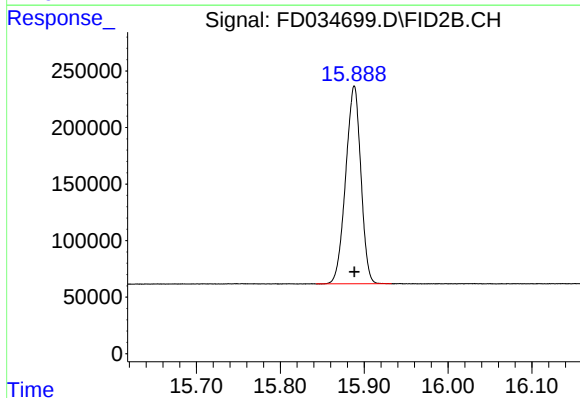
R.T.: 13.773 min
Delta R.T.: 0.000 min
Response: 2315835
Conc: 19.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



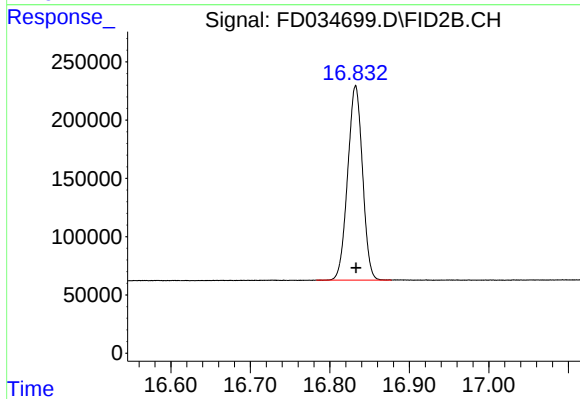
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.001 min
Response: 2274097
Conc: 19.68 ug/ml



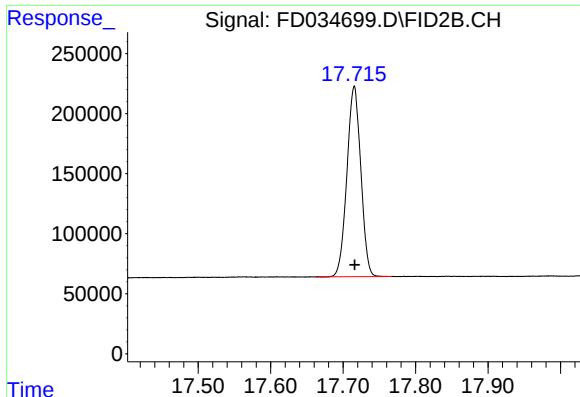
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 2201210
Conc: 19.42 ug/ml



#16 n-Octacosane (C28)

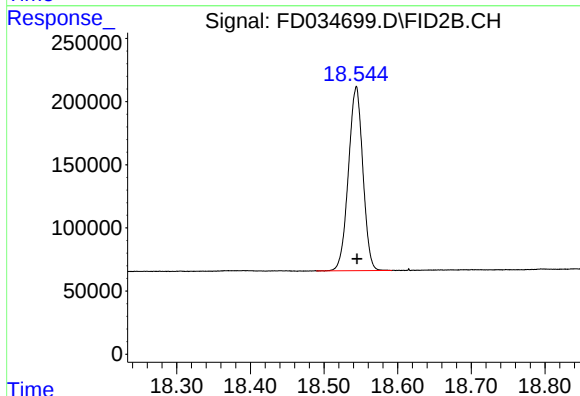
R.T.: 16.832 min
Delta R.T.: 0.000 min
Response: 2162480
Conc: 19.32 ug/ml



#17 n-Tricontane (C30)

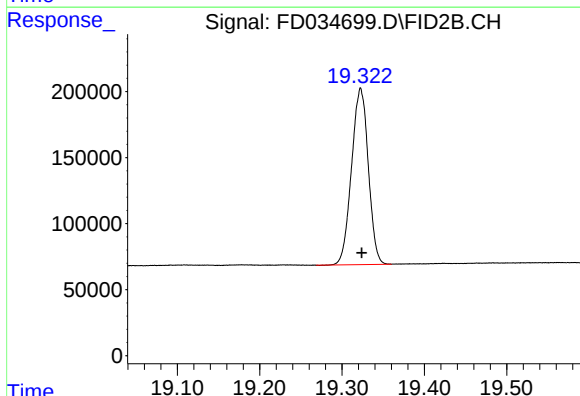
R.T.: 17.715 min
Delta R.T.: 0.000 min
Response: 2113222
Conc: 19.48 ug/ml

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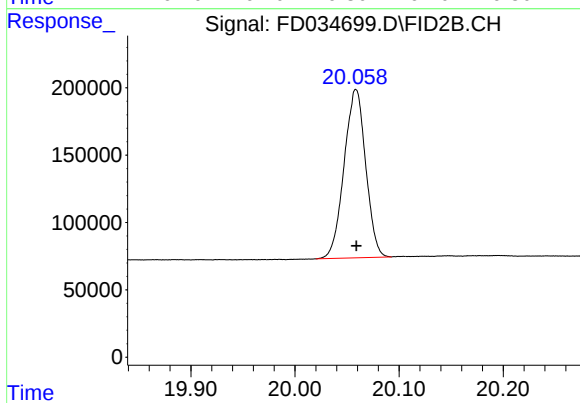
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: 0.000 min
Response: 1982150
Conc: 19.67 ug/ml



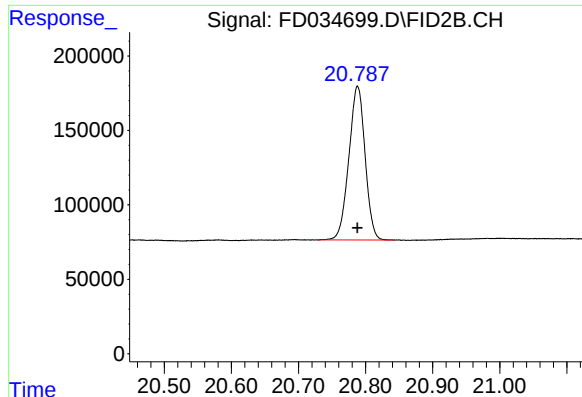
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: -0.001 min
Response: 1889216
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

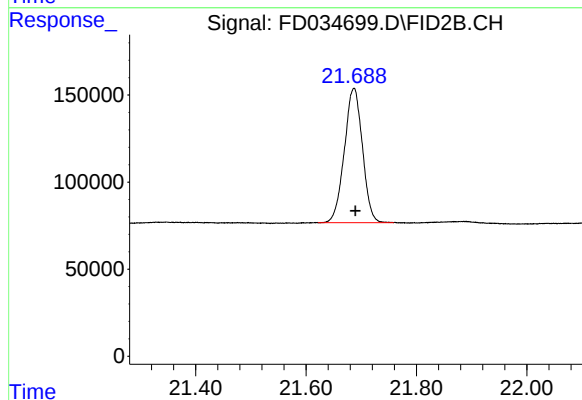
R.T.: 20.059 min
Delta R.T.: 0.000 min
Response: 1800512
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.788 min
Delta R.T.: 0.000 min
Response: 1733341
Conc: 21.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.687 min
Delta R.T.: -0.003 min
Response: 1752788
Conc: 20.65 ug/ml