

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052120AL\
 Data File : FD033579.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2020 18:10
 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: autoint1.e
 Quant Time: May 22 02:33:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 07:22:05 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)	11.469	2724903	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	12.899	2177930	19.587 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
Target Compounds			
1) T n-Nonane (C9)	3.289	2397629	20.883 ug/ml
2) T n-Decane (C10)	4.347	2428282	21.096 ug/ml
3) T A~Naphthalene (C11.7)	5.919	2610894	21.065 ug/ml
4) T n-Dodecane (C12)	6.350	2497288	20.960 ug/ml
5) T A~2-methylnaphthalene...	6.968	2666979	21.447 ug/ml
6) T n-Tetradecane (C14)	8.132	2517593	20.856 ug/ml
7) T n-Hexadecane (C16)	9.722	2463086	20.626 ug/ml
8) T n-Octadecane (C18)	11.155	2549216	20.102 ug/ml
10) T n-Eicosane (C20)	12.457	2540424	19.687 ug/ml
11) T n-Heneicosane (C21)	13.066	2522337	19.576 ug/ml
13) T n-Docosane (C22)	13.648	2502110	19.496 ug/ml
14) T n-Tetracosane (C24)	14.745	2458552	19.319 ug/ml
15) T n-Hexacosane (C26)	15.760	2389291	19.063 ug/ml
16) T n-Octacosane (C28)	16.705	2336037	18.792 ug/ml
17) T n-Tricontane (C30)	17.587	2232314	18.551 ug/ml
18) T n-Dotriacontane (C32)	18.415	2024951	18.491 ug/ml
19) T n-Tetratriacontane (C34)	19.193	1882086	18.364 ug/ml
20) T n-Hexatriacontane (C36)	19.928	1760570	18.388 ug/ml
21) T n-Octatriacontane (C38)	20.637	1704634	19.021 ug/ml
22) T n-Tetracontane (C40)	21.479	1826621	20.570 ug/ml

(f)=RT Delta > 1/2 Window

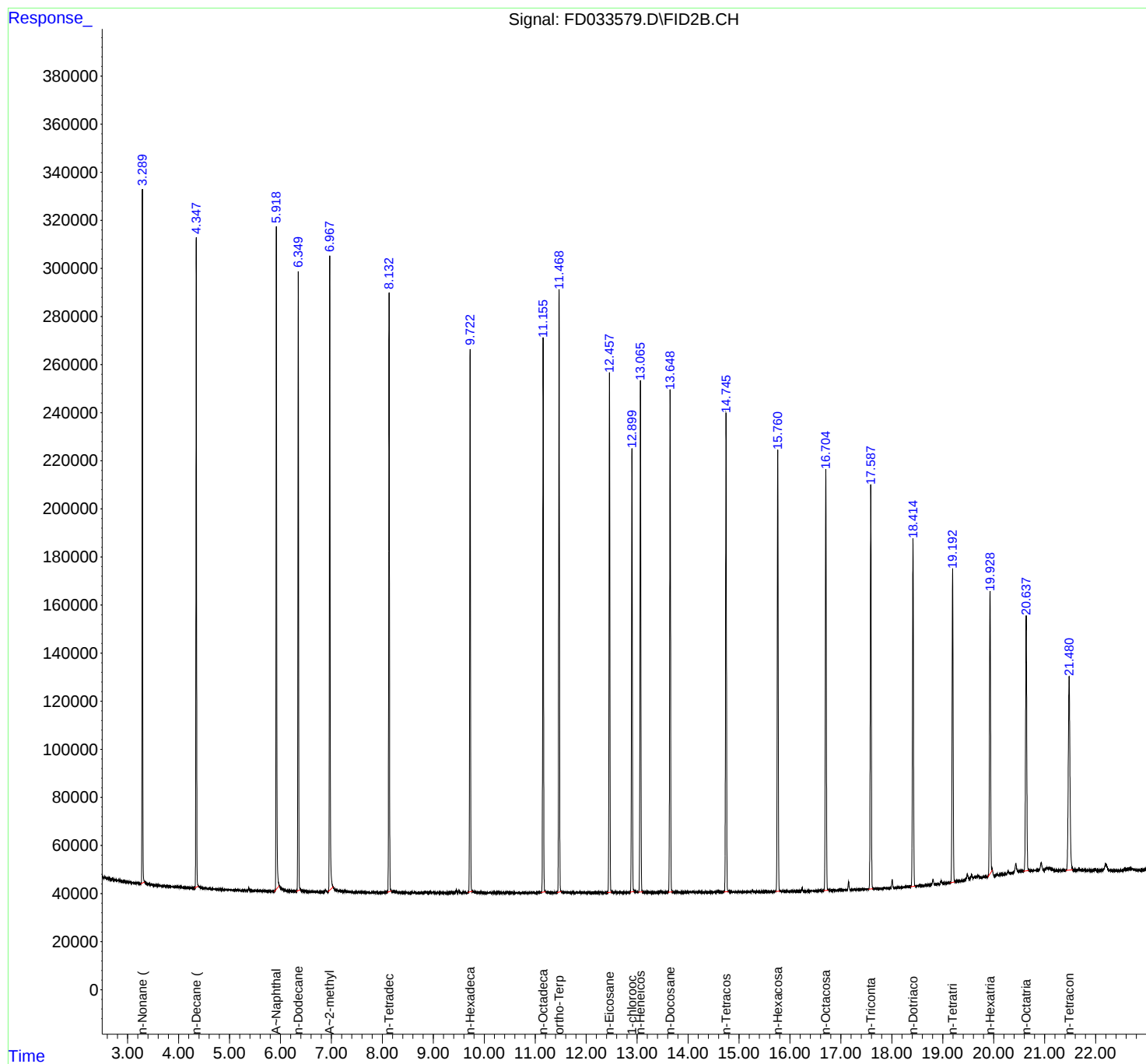
(m)=manual int.

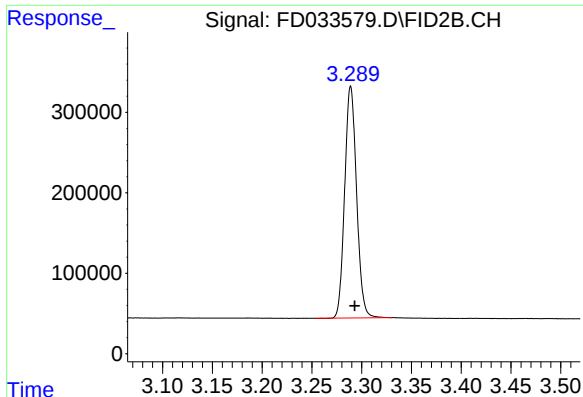
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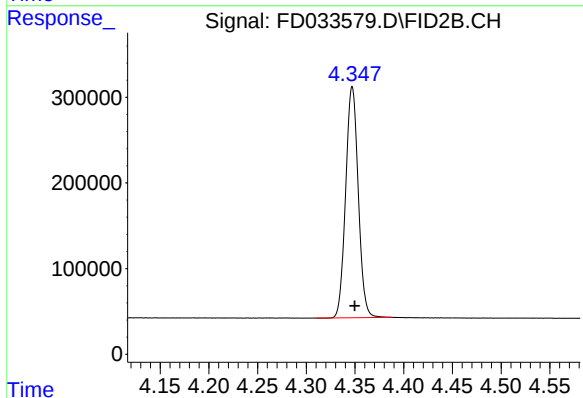




#1 n-Nonane (C9)

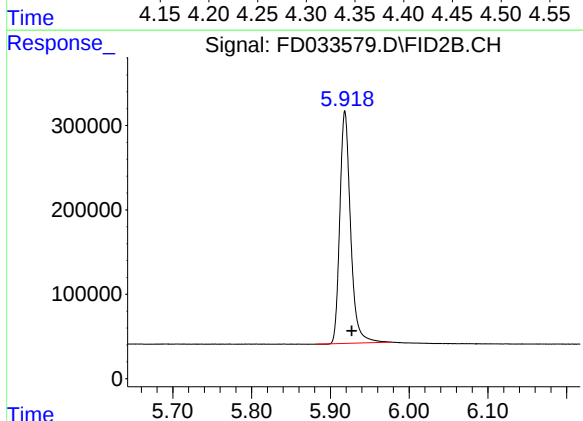
R.T.: 3.289 min
Delta R.T.: -0.004 min
Response: 2397629
Conc: 20.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



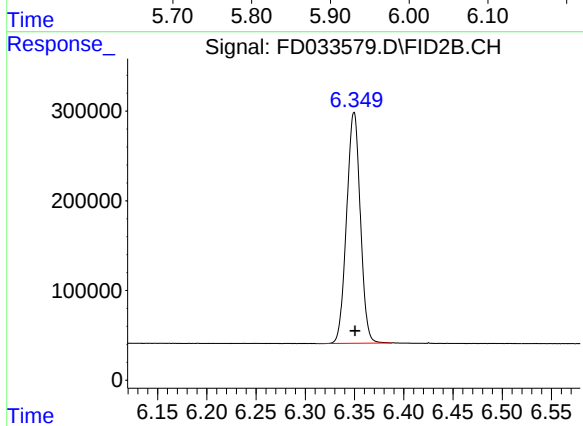
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: -0.002 min
Response: 2428282
Conc: 21.10 ug/ml



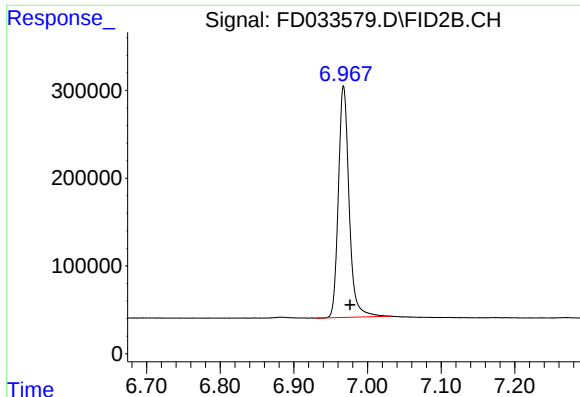
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.009 min
Response: 2610894
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

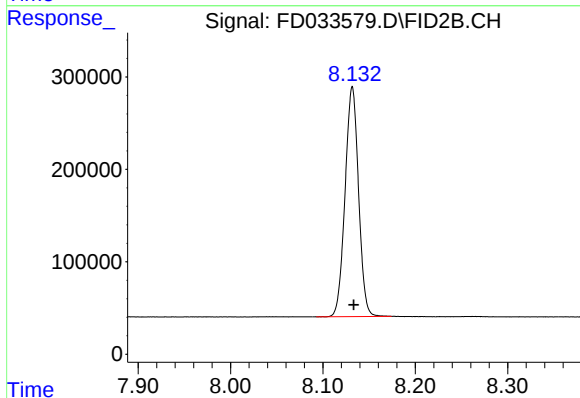
R.T.: 6.350 min
Delta R.T.: -0.001 min
Response: 2497288
Conc: 20.96 ug/ml



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

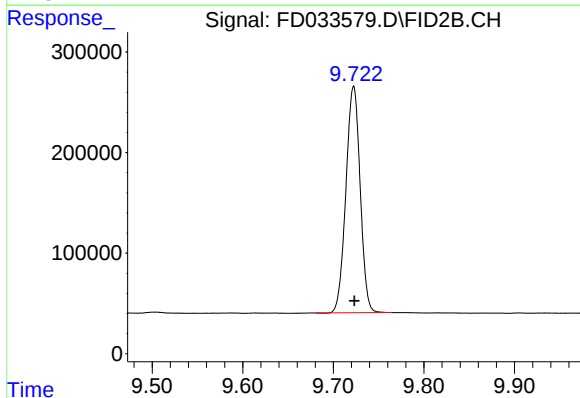
R.T.: 6.968 min
Delta R.T.: -0.009 min
Response: 2666979
Conc: 21.45 ug/ml

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20 PPM ALIPHATIC HC STD



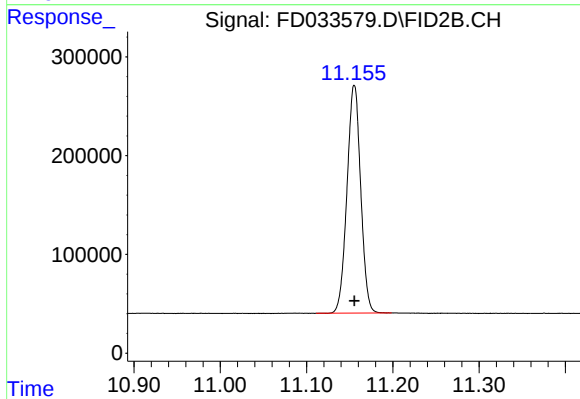
#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.001 min
Response: 2517593
Conc: 20.86 ug/ml



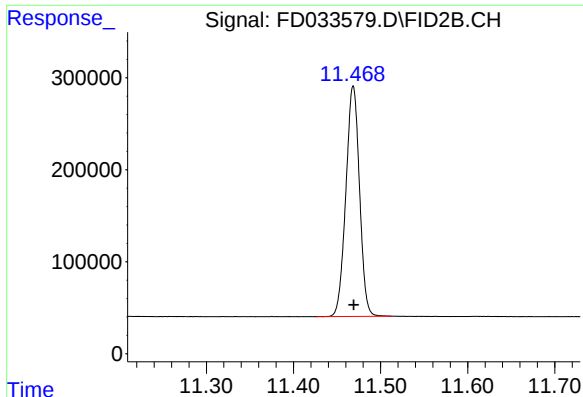
#7 n-Hexadecane (C16)

R.T.: 9.722 min
Delta R.T.: 0.000 min
Response: 2463086
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

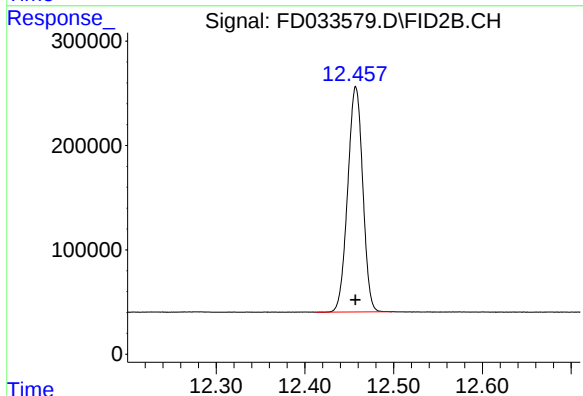
R.T.: 11.155 min
Delta R.T.: 0.000 min
Response: 2549216
Conc: 20.10 ug/ml



#9 ortho-Terphenyl (SURR)

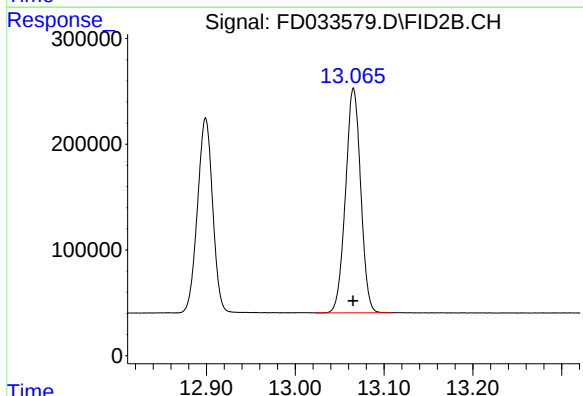
R.T.: 11.469 min
Delta R.T.: 0.000 min
Response: 2724903
Conc: 20.04 ug/ml

Instrument :
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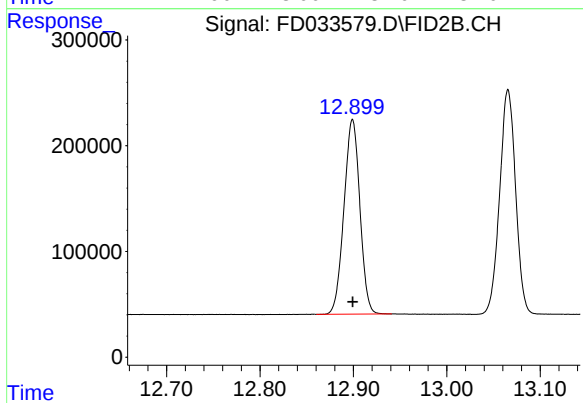
#10 n-Eicosane (C20)

R.T.: 12.457 min
Delta R.T.: 0.000 min
Response: 2540424
Conc: 19.69 ug/ml



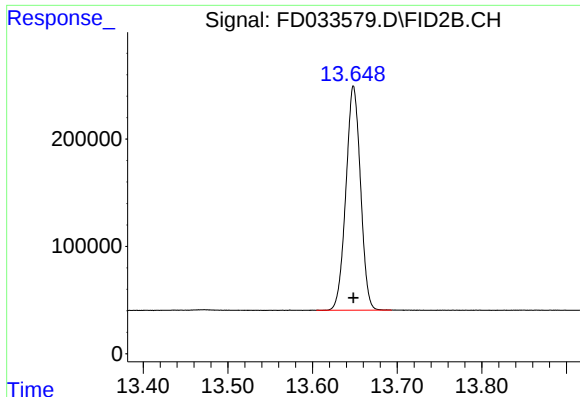
#11 n-Heneicosane (C21)

R.T.: 13.066 min
Delta R.T.: 0.000 min
Response: 2522337
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

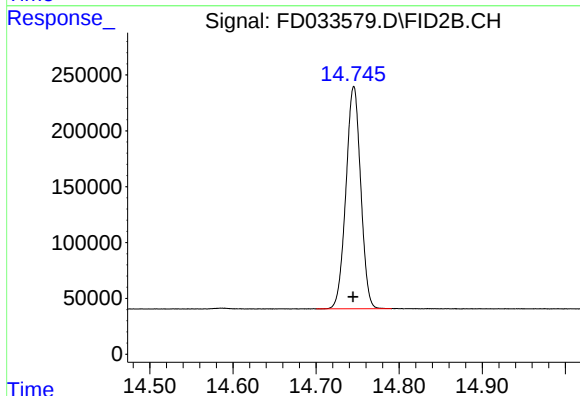
R.T.: 12.899 min
Delta R.T.: 0.000 min
Response: 2177930
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

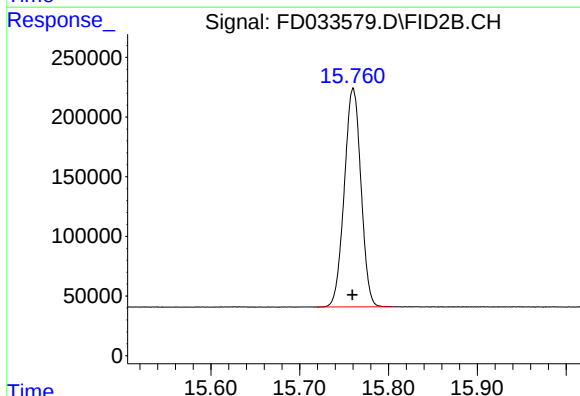
R.T.: 13.648 min
Delta R.T.: 0.000 min
Response: 2502110
Conc: 19.50 ug/ml

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20 PPM ALIPHATIC HC STD



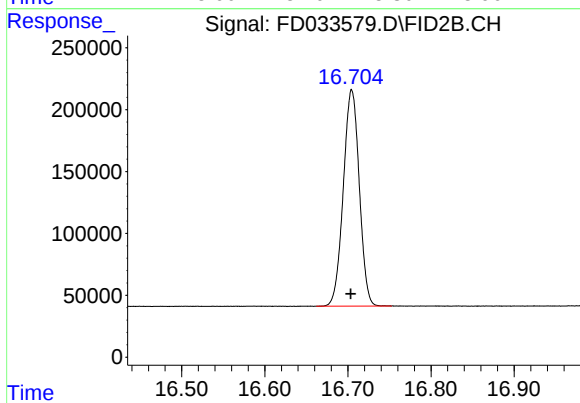
#14 n-Tetracosane (C24)

R.T.: 14.745 min
Delta R.T.: 0.000 min
Response: 2458552
Conc: 19.32 ug/ml



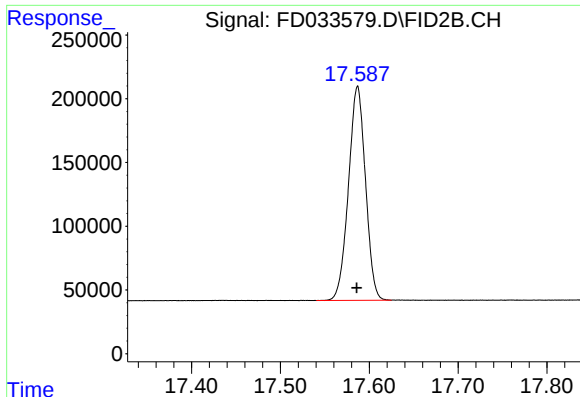
#15 n-Hexacosane (C26)

R.T.: 15.760 min
Delta R.T.: 0.001 min
Response: 2389291
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

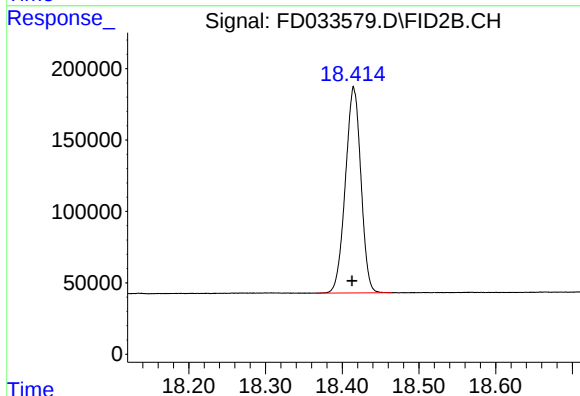
R.T.: 16.705 min
Delta R.T.: 0.001 min
Response: 2336037
Conc: 18.79 ug/ml



#17 n-Tricontane (C30)

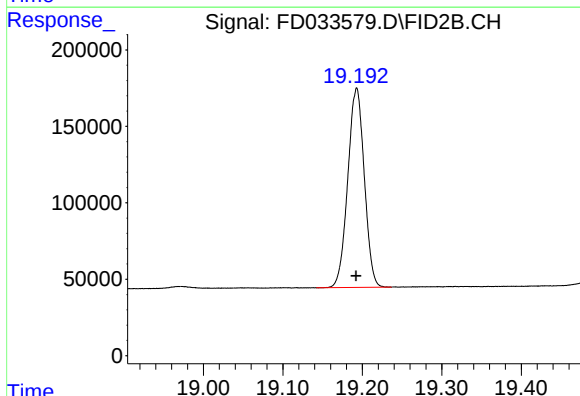
R.T.: 17.587 min
Delta R.T.: 0.001 min
Response: 2232314
Conc: 18.55 ug/ml

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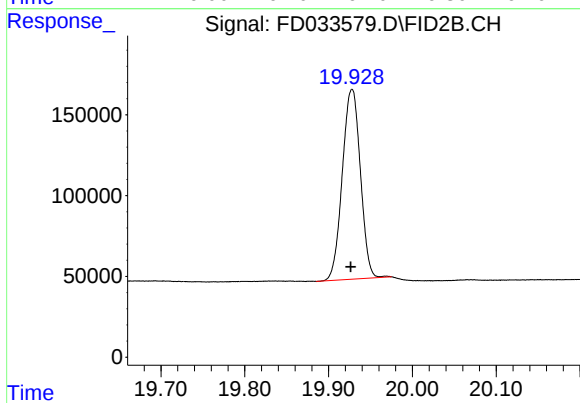
#18 n-Dotriacontane (C32)

R.T.: 18.415 min
Delta R.T.: 0.002 min
Response: 2024951
Conc: 18.49 ug/ml



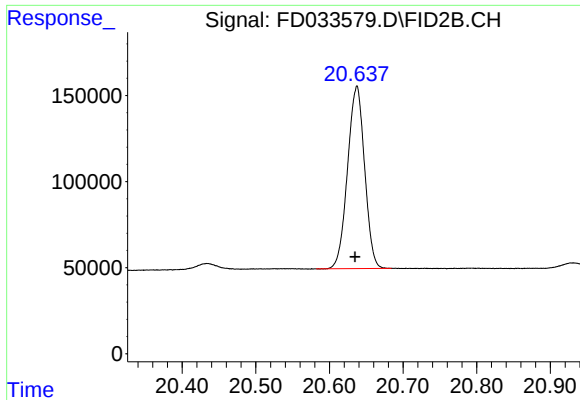
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min
Delta R.T.: 0.001 min
Response: 1882086
Conc: 18.36 ug/ml



#20 n-Hexatriacontane (C36)

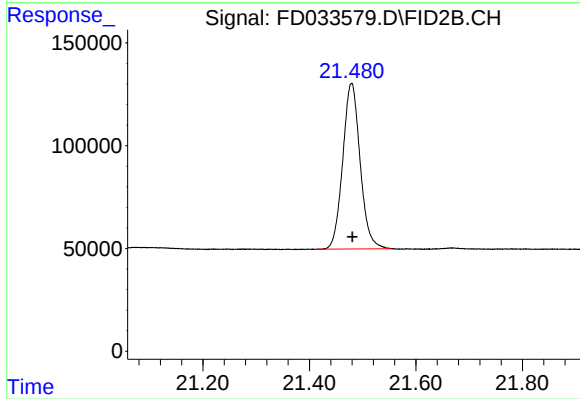
R.T.: 19.928 min
Delta R.T.: 0.001 min
Response: 1760570
Conc: 18.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.637 min
Delta R.T.: 0.002 min
Response: 1704634
Conc: 19.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.479 min
Delta R.T.: -0.001 min
Response: 1826621
Conc: 20.57 ug/ml