

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022221AL\
 Data File : FD036247.D
 Signal(s) : FID2B.CH
 Acq On : 22 Feb 2021 21:26
 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: Feb 23 03:57:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 04:34:45 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)	11.510	2987048	21.634 ug/ml
Spiked Amount 50.000		Recovery =	43.27%
12) S 1-chlorooctadecane (S...	12.942	2363412	21.458 ug/ml
Spiked Amount 50.000		Recovery =	42.92%
Target Compounds			
1) T n-Nonane (C9)	3.305	2560503	21.684 ug/ml
2) T n-Decane (C10)	4.367	2593051	21.750 ug/ml
3) T A~Naphthalene (C11.7)	5.942	2933807	21.839 ug/ml
4) T n-Dodecane (C12)	6.378	2652711	21.819 ug/ml
5) T A~2-methylnaphthalene...	6.994	3006087	21.899 ug/ml
6) T n-Tetradecane (C14)	8.166	2678219	21.654 ug/ml
7) T n-Hexadecane (C16)	9.761	2649830	21.755 ug/ml
8) T n-Octadecane (C18)	11.197	2761139	21.641 ug/ml
10) T n-Eicosane (C20)	12.499	2779710	21.520 ug/ml
11) T n-Heneicosane (C21)	13.109	2777423	21.391 ug/ml
13) T n-Docosane (C22)	13.692	2772805	21.342 ug/ml
14) T n-Tetracosane (C24)	14.789	2759832	21.103 ug/ml
15) T n-Hexacosane (C26)	15.805	2708491	20.829 ug/ml
16) T n-Octacosane (C28)	16.749	2671455	20.496 ug/ml
17) T n-Tricontane (C30)	17.631	2613385	20.052 ug/ml
18) T n-Dotriacontane (C32)	18.459	2491035	19.556 ug/ml
19) T n-Tetratriacontane (C34)	19.236	2372088	19.001 ug/ml
20) T n-Hexatriacontane (C36)	19.972	2209351	18.601 ug/ml
21) T n-Octatriacontane (C38)	20.684	2057461	18.420 ug/ml
22) T n-Tetracontane (C40)	21.542	2061575	18.473 ug/ml

(f)=RT Delta > 1/2 Window

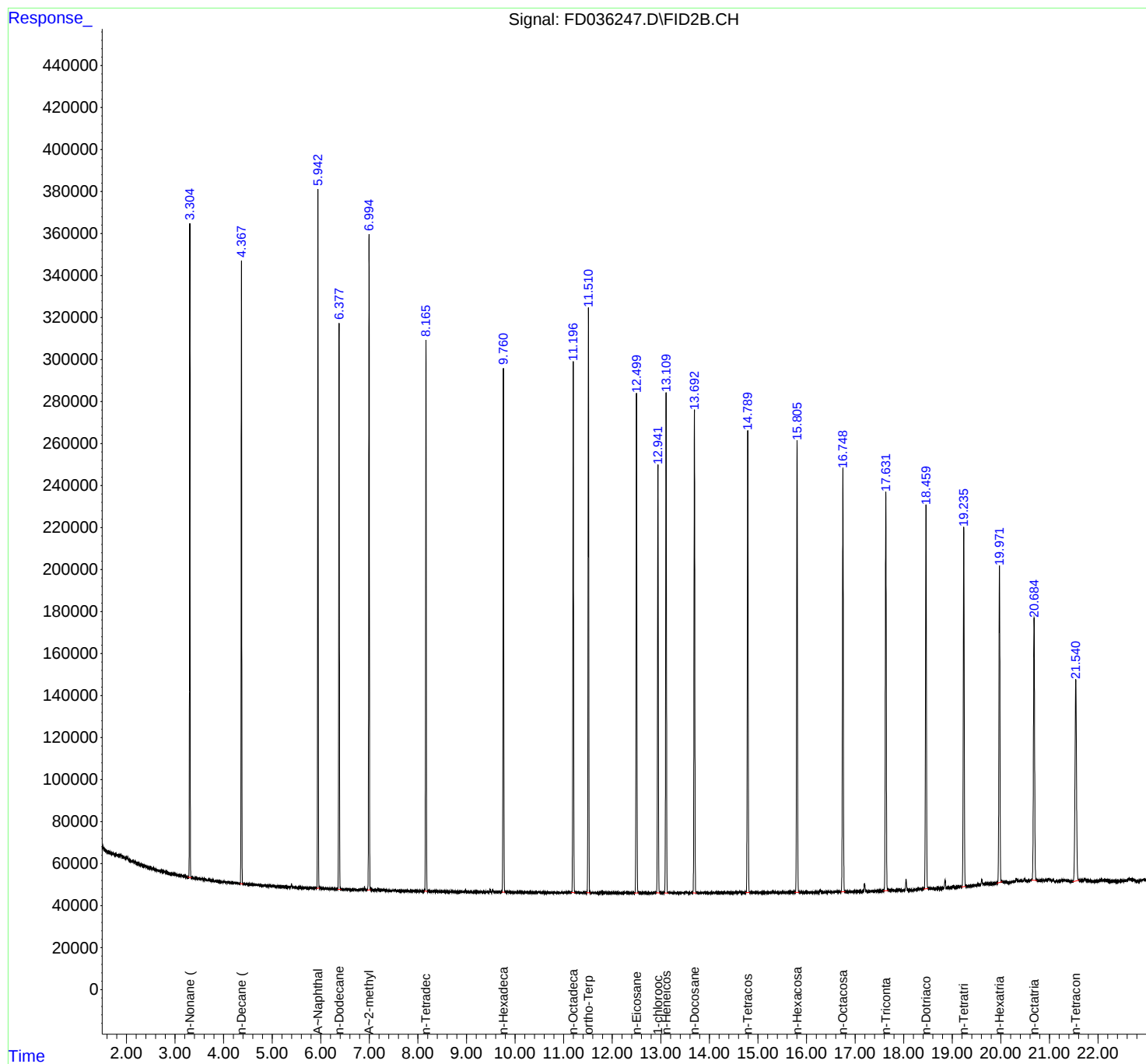
(m)=manual int.

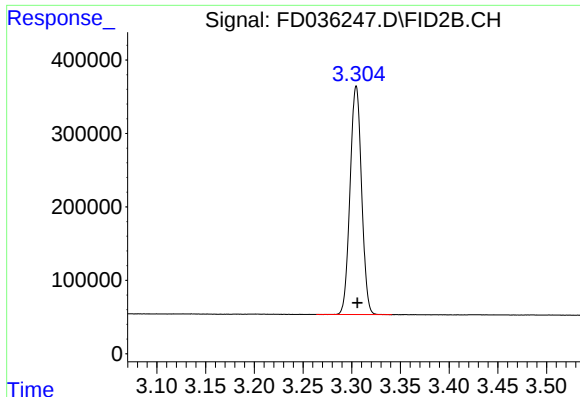
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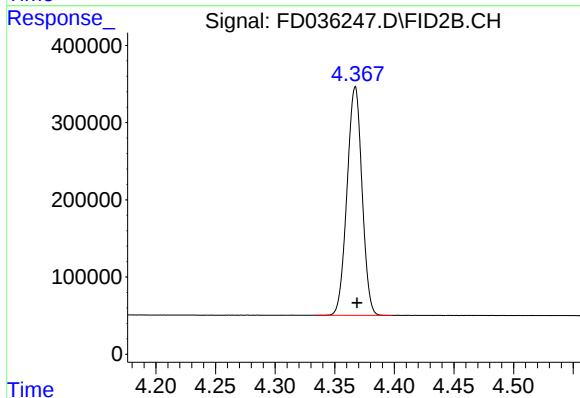




#1 n-Nonane (C9)

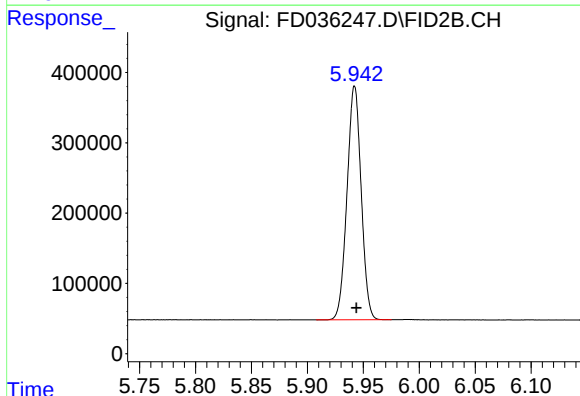
R.T.: 3.305 min
Delta R.T.: -0.001 min
Response: 2560503
Conc: 21.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



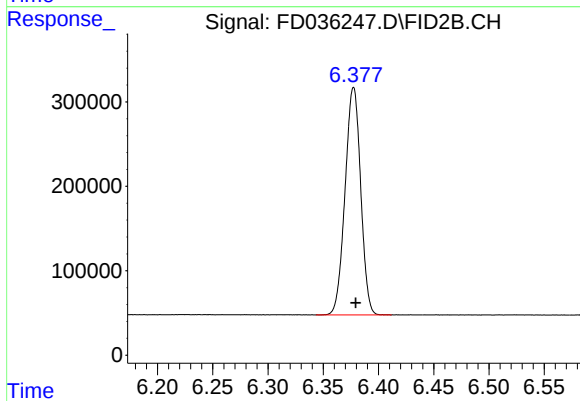
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.001 min
Response: 2593051
Conc: 21.75 ug/ml



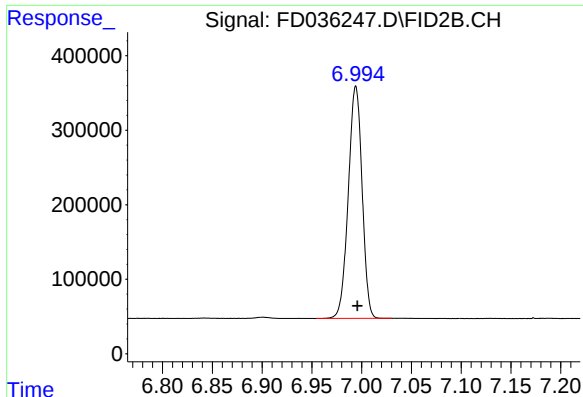
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 2933807
Conc: 21.84 ug/ml



#4 n-Dodecane (C12)

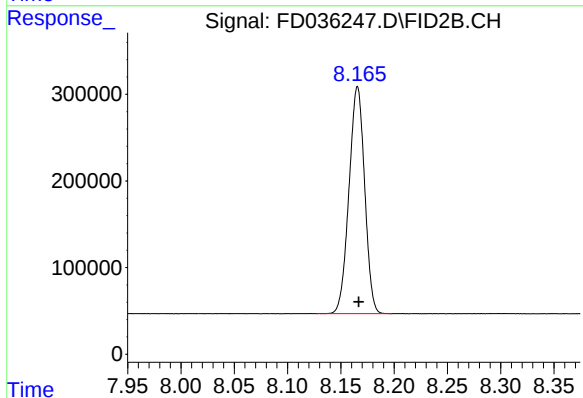
R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 2652711
Conc: 21.82 ug/ml



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

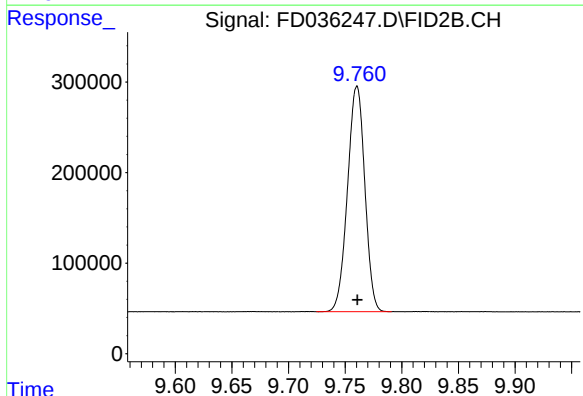
R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 3006087
Conc: 21.90 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



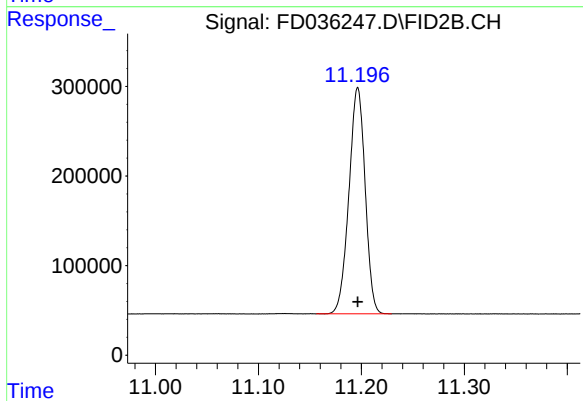
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.001 min
Response: 2678219
Conc: 21.65 ug/ml



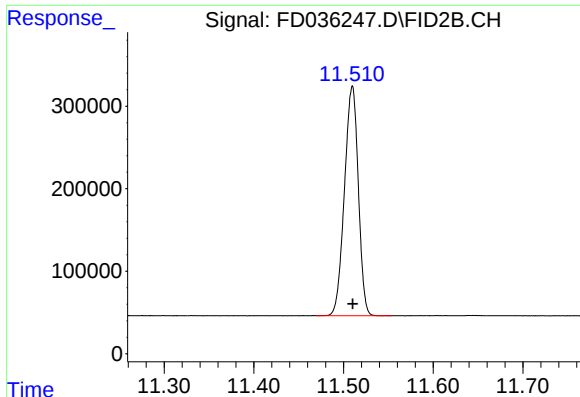
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: 0.000 min
Response: 2649830
Conc: 21.76 ug/ml



#8 n-Octadecane (C18)

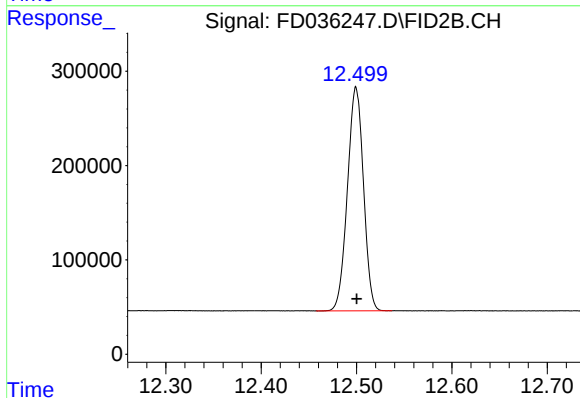
R.T.: 11.197 min
Delta R.T.: 0.000 min
Response: 2761139
Conc: 21.64 ug/ml



#9 ortho-Terphenyl (SURR)

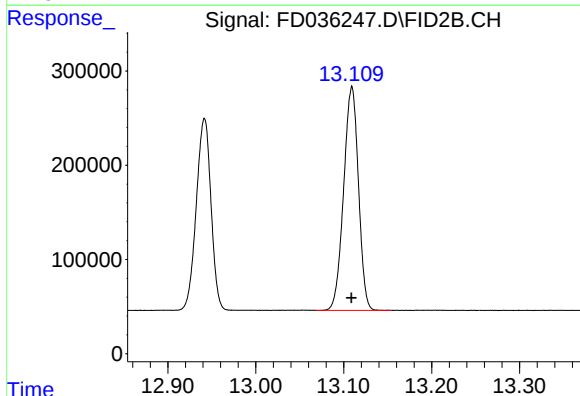
R.T.: 11.510 min
Delta R.T.: 0.000 min
Response: 2987048
Conc: 21.63 ug/ml

Instrument :
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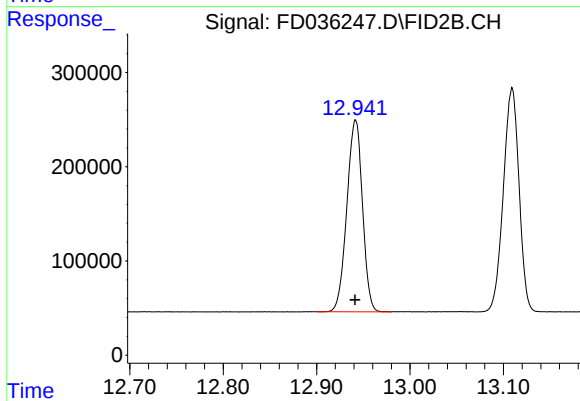
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.000 min
Response: 2779710
Conc: 21.52 ug/ml



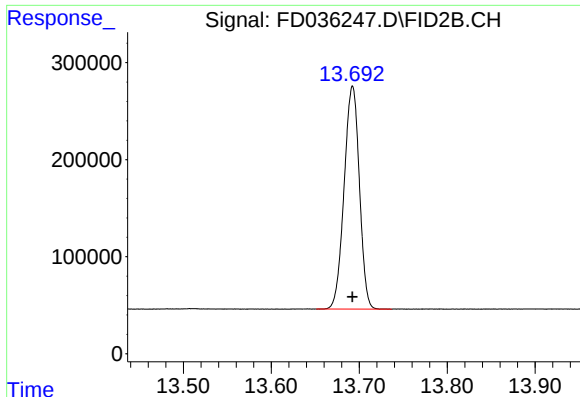
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: 0.000 min
Response: 2777423
Conc: 21.39 ug/ml



#12 1-chlorooctadecane (SURR)

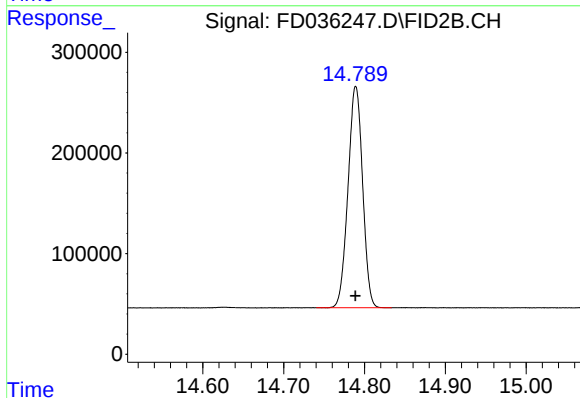
R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 2363412
Conc: 21.46 ug/ml



#13 n-Docosane (C22)

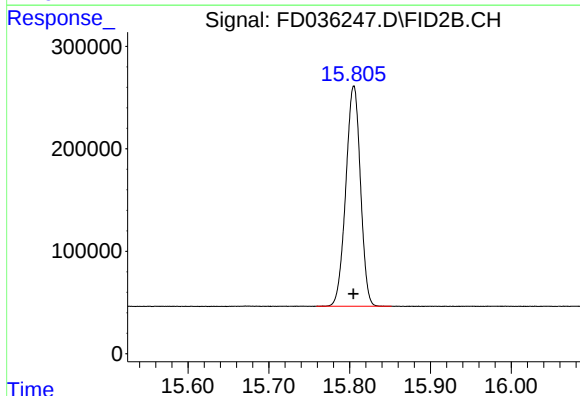
R.T.: 13.692 min
Delta R.T.: 0.000 min
Response: 2772805
Conc: 21.34 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



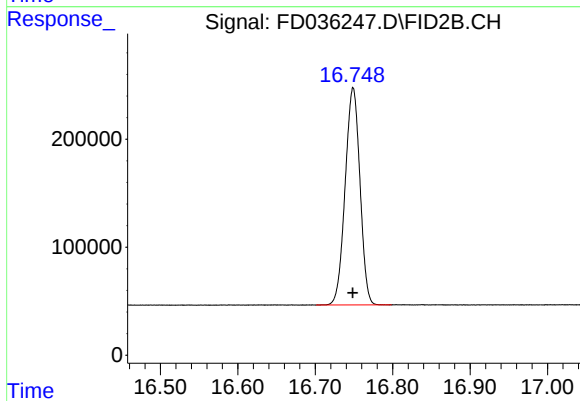
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: 0.000 min
Response: 2759832
Conc: 21.10 ug/ml



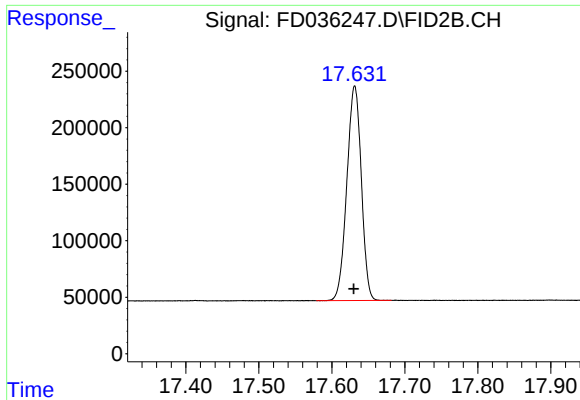
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: 0.000 min
Response: 2708491
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.749 min
Delta R.T.: 0.000 min
Response: 2671455
Conc: 20.50 ug/ml



#17 n-Tricontane (C30)

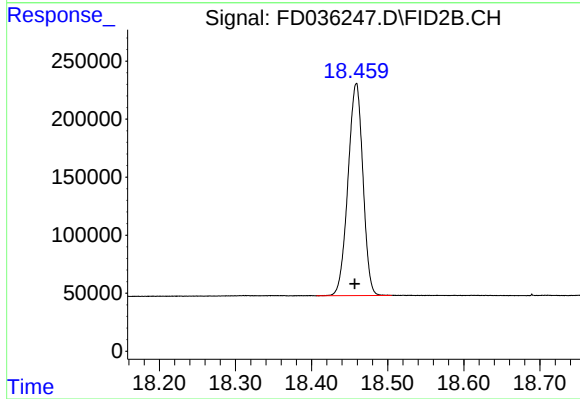
R.T.: 17.631 min

Delta R.T.: 0.001 min

Response: 2613385

Conc: 20.05 ug/ml

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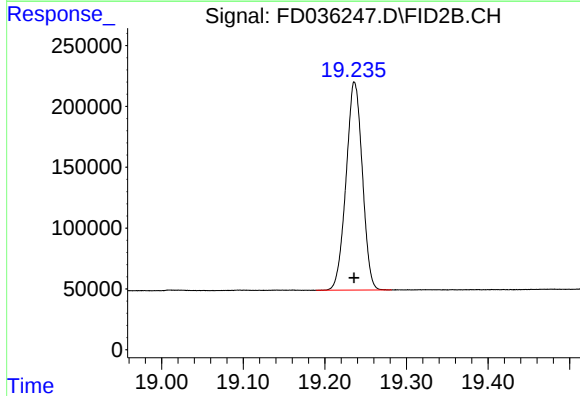
#18 n-Dotriacontane (C32)

R.T.: 18.459 min

Delta R.T.: 0.002 min

Response: 2491035

Conc: 19.56 ug/ml



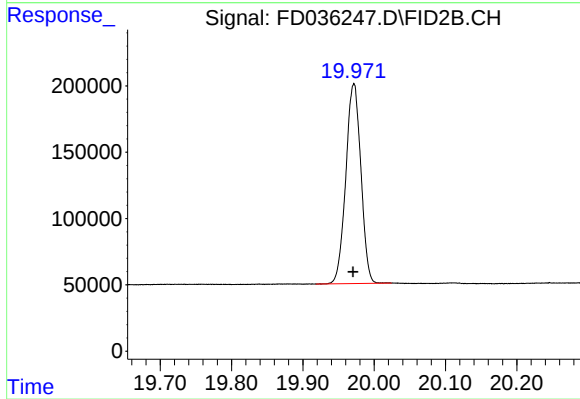
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min

Delta R.T.: 0.000 min

Response: 2372088

Conc: 19.00 ug/ml



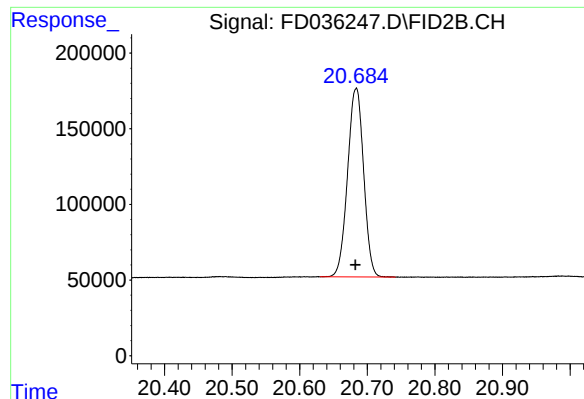
#20 n-Hexatriacontane (C36)

R.T.: 19.972 min

Delta R.T.: 0.001 min

Response: 2209351

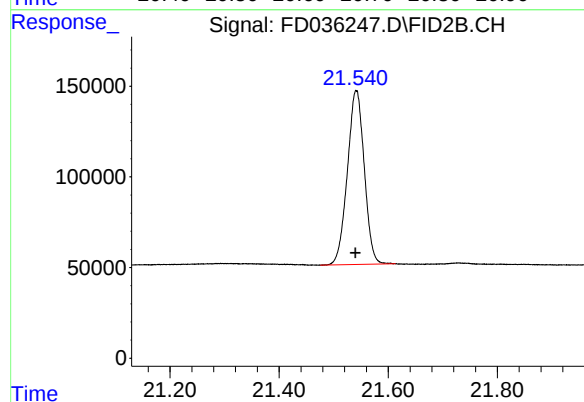
Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.684 min
Delta R.T.: 0.001 min
Response: 2057461
Conc: 18.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.542 min
Delta R.T.: 0.002 min
Response: 2061575
Conc: 18.47 ug/ml