

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122821AL\
 Data File : FD040223.D
 Signal(s) : FID2B.CH
 Acq On : 28 Dec 2021 18:14
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 02:19:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:17:42 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)	10.718	732521	4.546 ug/ml
Spiked Amount 50.000		Recovery =	9.09%
12) S 1-chlorooctadecane (S...	12.153	566698	4.551 ug/ml
Spiked Amount 50.000		Recovery =	9.10%
Target Compounds			
1) T n-Nonane (C9)	2.642	616664	4.528 ug/ml
2) T n-Decane (C10)	3.637	621038	4.518 ug/ml
3) T A~Naphthalene (C11.7)	5.179	691446	4.512 ug/ml
4) T n-Dodecane (C12)	5.611	621825	4.513 ug/ml
5) T A~2-methylnaphthalene...	6.220	690671	4.488 ug/ml
6) T n-Tetradecane (C14)	7.390	667836	4.690 ug/ml
7) T n-Hexadecane (C16)	8.979	641246	4.515 ug/ml
8) T n-Octadecane (C18)	10.412	665748	4.547 ug/ml
10) T n-Eicosane (C20)	11.714	659177	4.559 ug/ml
11) T n-Heneicosane (C21)	12.322	671028	4.600 ug/ml
13) T n-Docosane (C22)	12.906	666993	4.604 ug/ml
14) T n-Tetracosane (C24)	14.003	668633	4.616 ug/ml
15) T n-Hexacosane (C26)	15.018	659282	4.657 ug/ml
16) T n-Octacosane (C28)	15.963	654405	4.684 ug/ml
17) T n-Tricontane (C30)	16.845	642390	4.726 ug/ml
18) T n-Dotriacontane (C32)	17.676	585556	4.704 ug/ml
19) T n-Tetratriacontane (C34)	18.455	511963	4.556 ug/ml
20) T n-Hexatriacontane (C36)	19.192	428082	4.320 ug/ml
21) T n-Octatriacontane (C38)	19.897	364060	4.134 ug/ml
22) T n-Tetracontane (C40)	20.729	273420	3.683 ug/ml

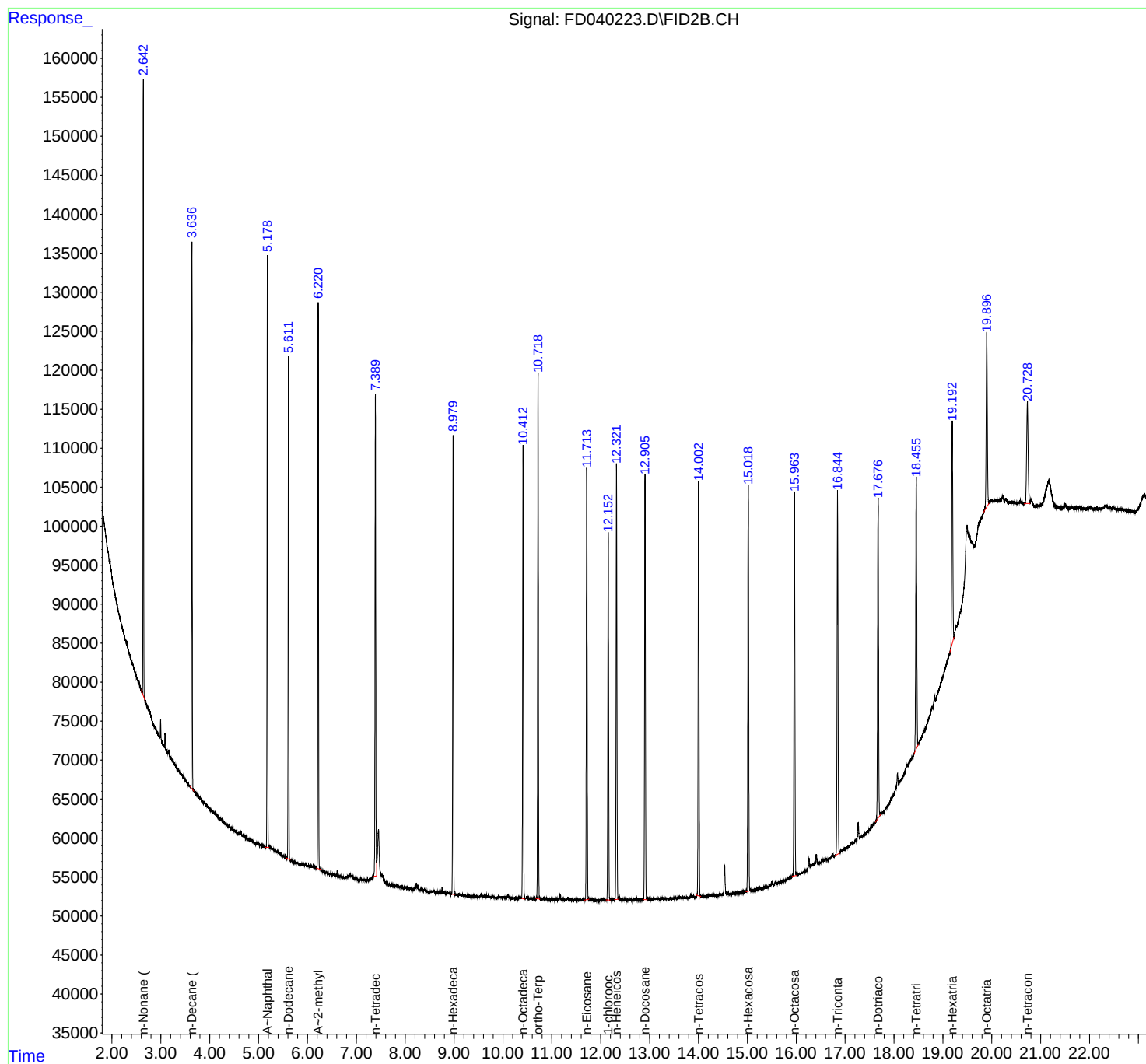
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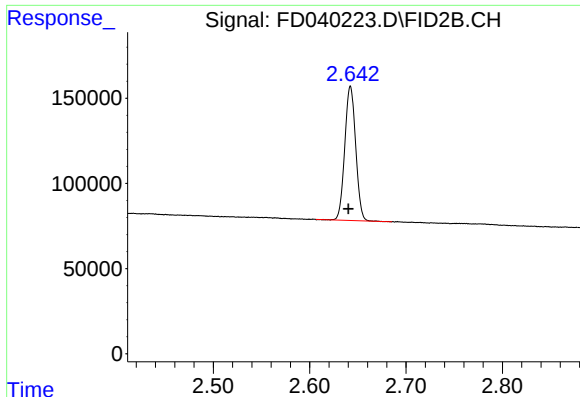
(m)=manual int.

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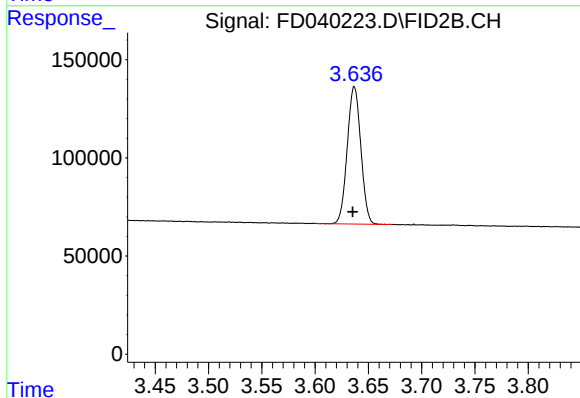
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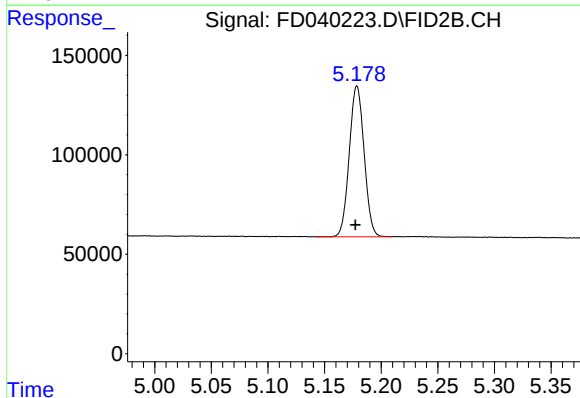
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: 0.002 min
Response: 616664
Conc: 4.53 ug/ml



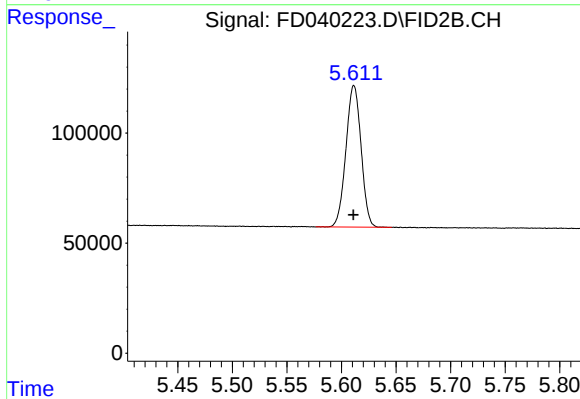
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: 0.002 min
Response: 621038
Conc: 4.52 ug/ml



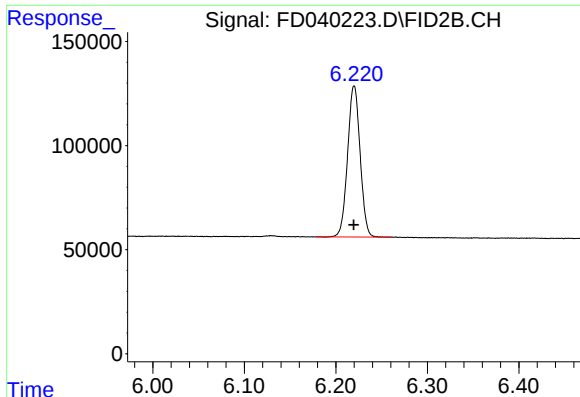
#3 A~Naphthalene (C11.7)

R.T.: 5.179 min
Delta R.T.: 0.002 min
Response: 691446
Conc: 4.51 ug/ml



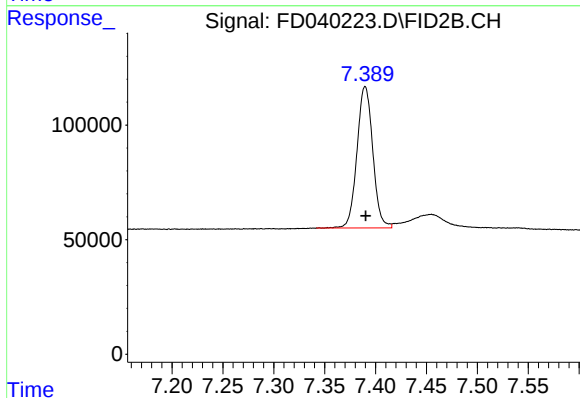
#4 n-Dodecane (C12)

R.T.: 5.611 min
Delta R.T.: 0.000 min
Response: 621825
Conc: 4.51 ug/ml



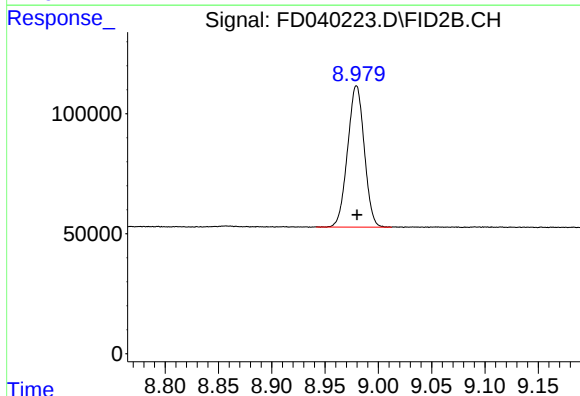
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 690671
Conc: 4.49 ug/ml



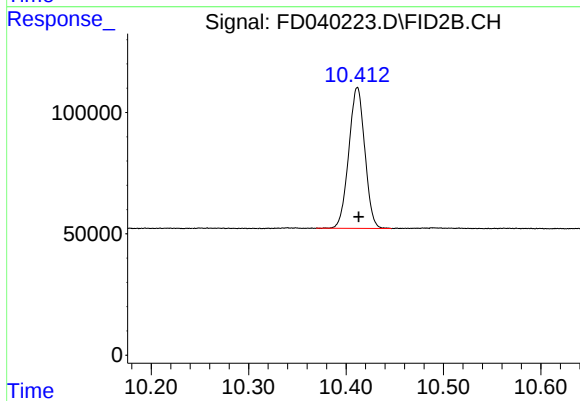
#6 n-Tetradecane (C14)

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 667836
Conc: 4.69 ug/ml



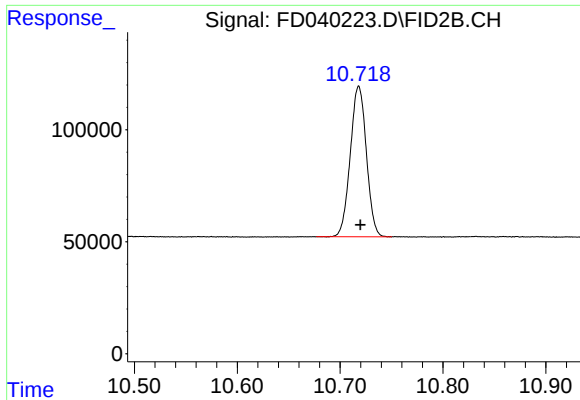
#7 n-Hexadecane (C16)

R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 641246
Conc: 4.52 ug/ml



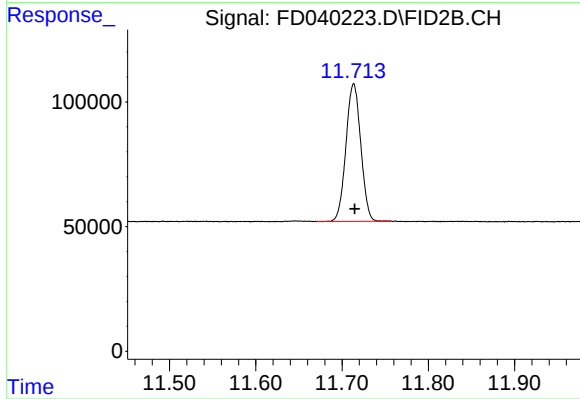
#8 n-Octadecane (C18)

R.T.: 10.412 min
Delta R.T.: -0.001 min
Response: 665748
Conc: 4.55 ug/ml



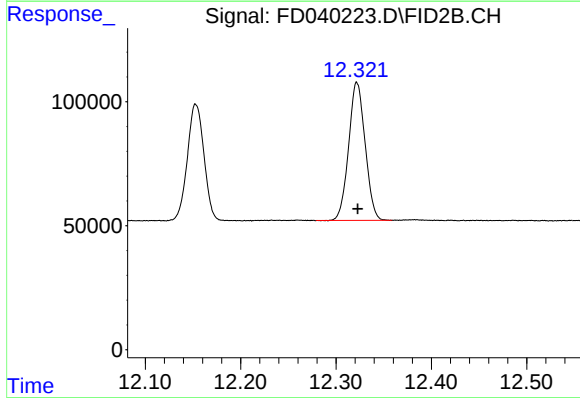
#9 ortho-Terphenyl (SURR)

R.T.: 10.718 min
Delta R.T.: -0.001 min
Response: 732521
Conc: 4.55 ug/ml



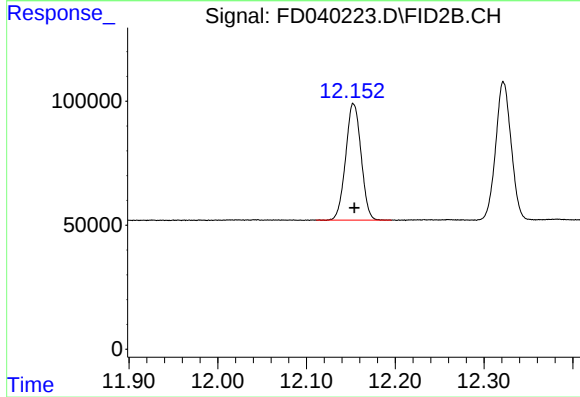
#10 n-Eicosane (C20)

R.T.: 11.714 min
Delta R.T.: -0.001 min
Response: 659177
Conc: 4.56 ug/ml



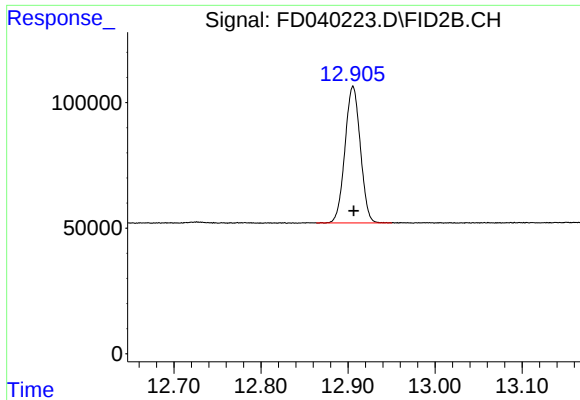
#11 n-Heneicosane (C21)

R.T.: 12.322 min
Delta R.T.: -0.001 min
Response: 671028
Conc: 4.60 ug/ml



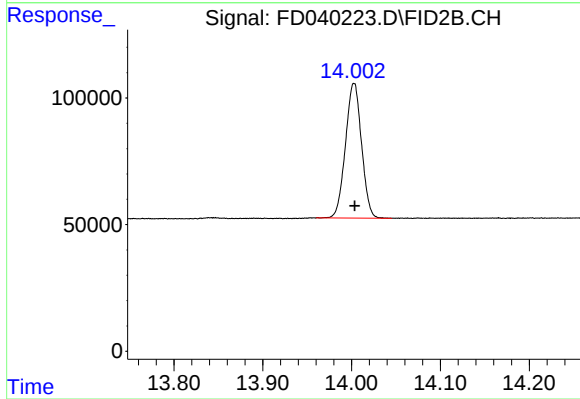
#12 1-chlorooctadecane (SURR)

R.T.: 12.153 min
Delta R.T.: 0.000 min
Response: 566698
Conc: 4.55 ug/ml



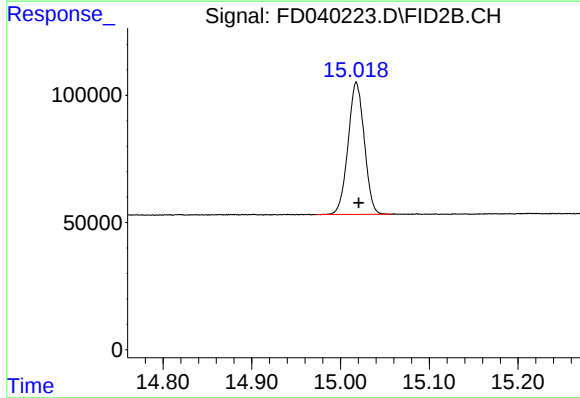
#13 n-Docosane (C22)

R.T.: 12.906 min
Delta R.T.: 0.000 min
Response: 666993
Conc: 4.60 ug/ml



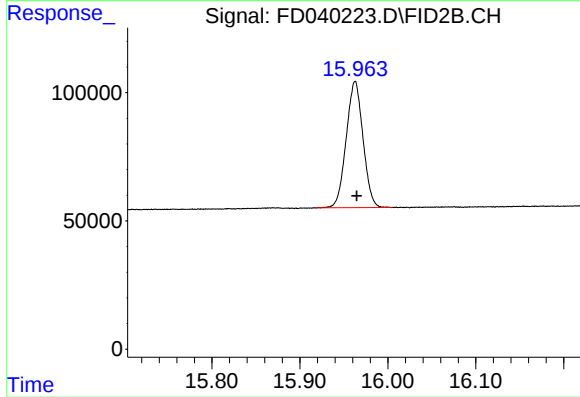
#14 n-Tetracosane (C24)

R.T.: 14.003 min
Delta R.T.: 0.000 min
Response: 668633
Conc: 4.62 ug/ml



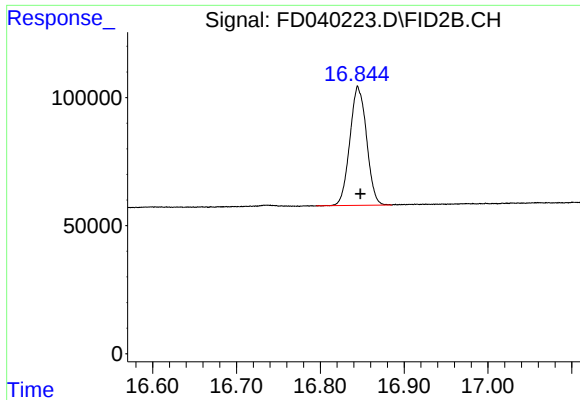
#15 n-Hexacosane (C26)

R.T.: 15.018 min
Delta R.T.: -0.003 min
Response: 659282
Conc: 4.66 ug/ml



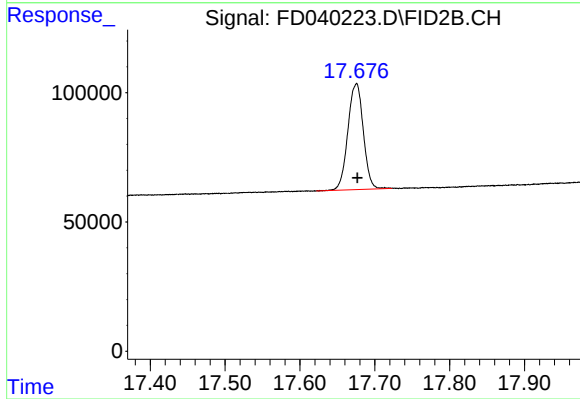
#16 n-Octacosane (C28)

R.T.: 15.963 min
Delta R.T.: -0.002 min
Response: 654405
Conc: 4.68 ug/ml



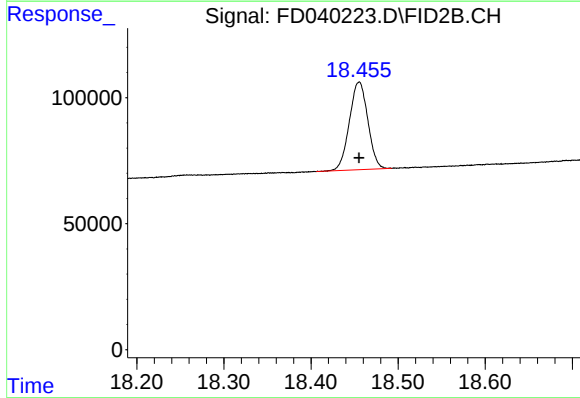
#17 n-Tricontane (C30)

R.T.: 16.845 min
Delta R.T.: -0.003 min
Response: 642390
Conc: 4.73 ug/ml



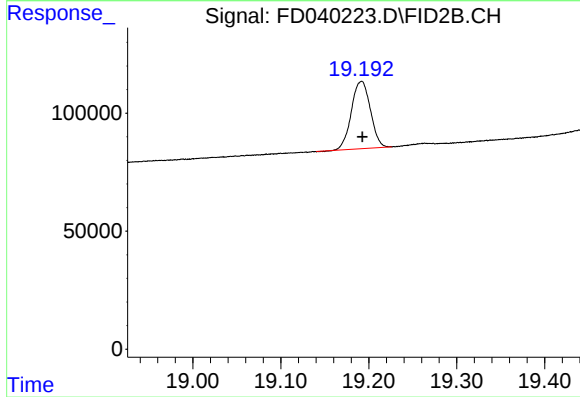
#18 n-Dotriacontane (C32)

R.T.: 17.676 min
Delta R.T.: -0.001 min
Response: 585556
Conc: 4.70 ug/ml



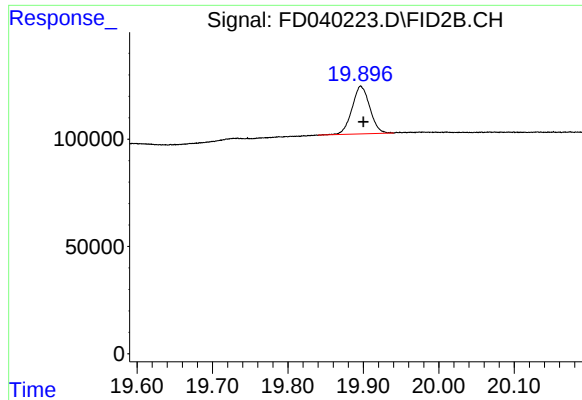
#19 n-Tetratriacontane (C34)

R.T.: 18.455 min
Delta R.T.: 0.000 min
Response: 511963
Conc: 4.56 ug/ml



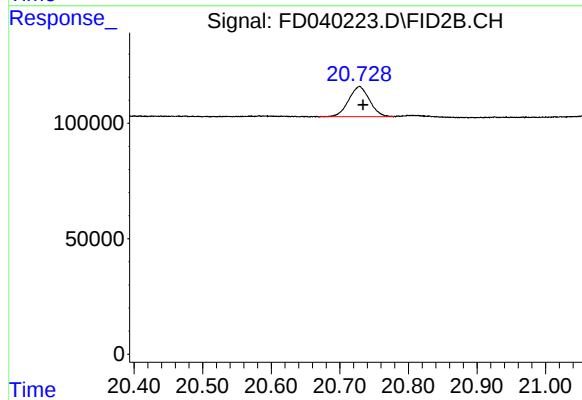
#20 n-Hexatriacontane (C36)

R.T.: 19.192 min
Delta R.T.: 0.000 min
Response: 428082
Conc: 4.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.897 min
Delta R.T.: -0.003 min
Response: 364060
Conc: 4.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.729 min
Delta R.T.: -0.005 min
Response: 273420
Conc: 3.68 ug/ml