

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061722AL\
 Data File : FC060320.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jun 2022 00:31
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 18 00:58:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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)	10.647	2895237	18.604 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
12) S 1-chlorooctadecane (S...	12.018	2297037	18.526 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T n-Nonane (C9)	2.625	2635545	20.592 ug/ml
2) T n-Decane (C10)	3.623	2654381	20.748 ug/ml
3) T A~Naphthalene (C11.7)	5.161	2964438	20.509 ug/ml
4) T n-Dodecane (C12)	5.575	2776322	20.827 ug/ml
5) T A~2-methylnaphthalene...	6.186	3008362	20.497 ug/ml
6) T n-Tetradecane (C14)	7.328	2796246	20.483 ug/ml
7) T n-Hexadecane (C16)	8.892	2824272	20.129 ug/ml
8) T n-Octadecane (C18)	10.301	2800797	19.571 ug/ml
10) T n-Eicosane (C20)	11.582	2701767	18.937 ug/ml
11) T n-Heneicosane (C21)	12.181	2665149	18.593 ug/ml
13) T n-Docosane (C22)	12.754	2616168	18.359 ug/ml
14) T n-Tetracosane (C24)	13.833	2498179	17.802 ug/ml
15) T n-Hexacosane (C26)	14.831	2385591	17.617 ug/ml
16) T n-Octacosane (C28)	15.759	2332414	17.909 ug/ml
17) T n-Tricontane (C30)	16.628	2323662	18.980 ug/ml
18) T n-Dotriacontane (C32)	17.442	2249492	20.176 ug/ml
19) T n-Tetratriacontane (C34)	18.208	2133822	20.921 ug/ml
20) T n-Hexatriacontane (C36)	18.931	2030899	21.446 ug/ml
21) T n-Octatriacontane (C38)	19.615	1990816	21.578 ug/ml
22) T n-Tetracontane (C40)	20.264	2000696	21.265 ug/ml

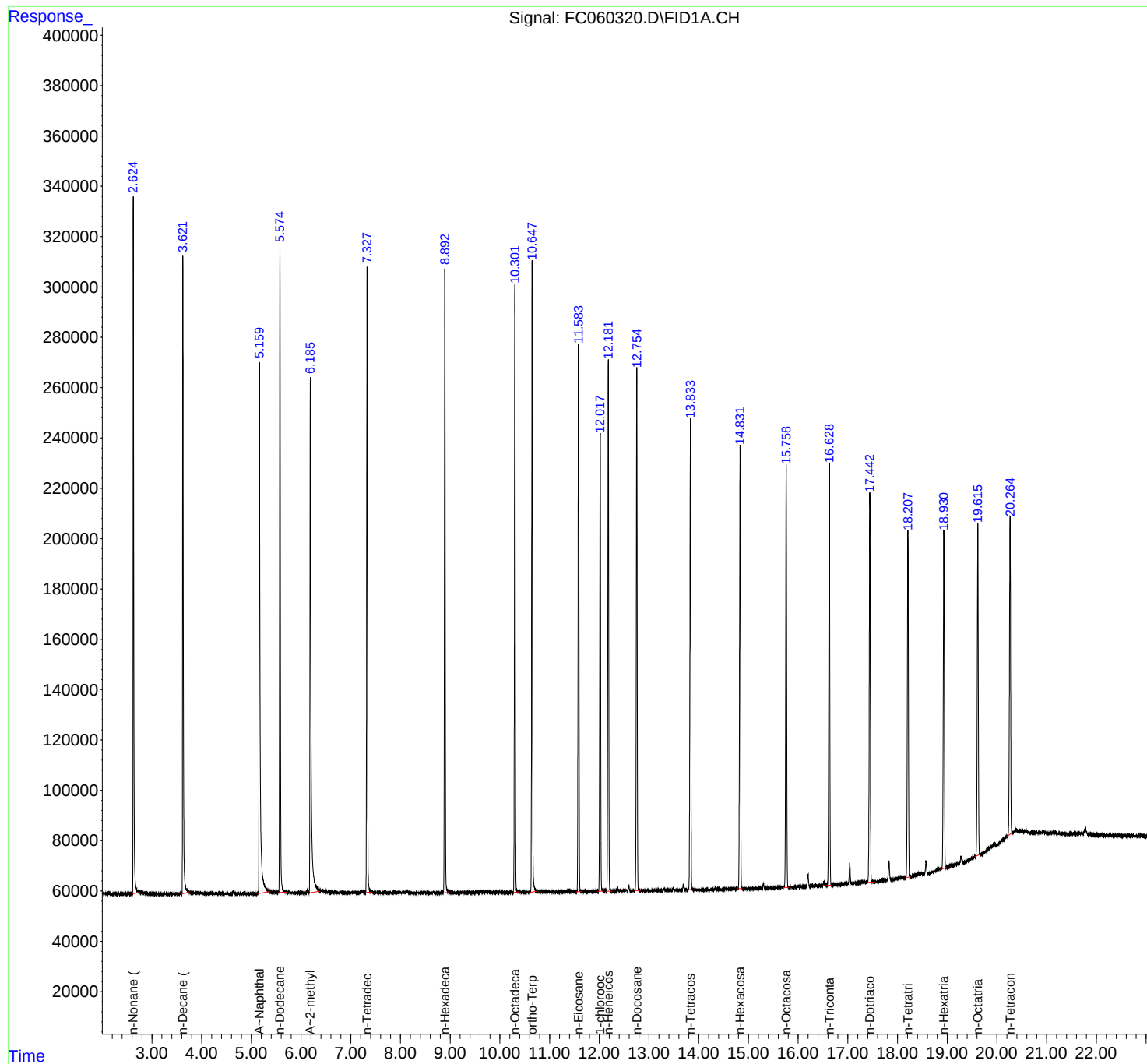
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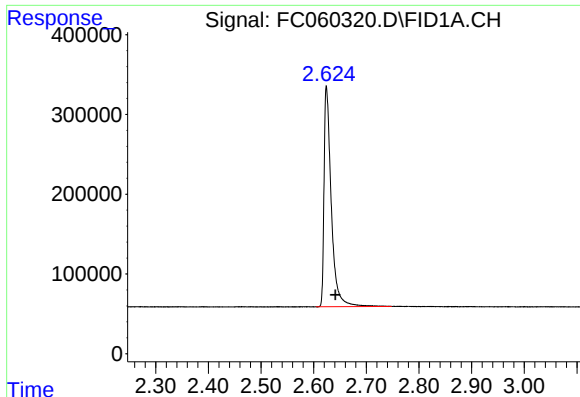
(m)=manual int.

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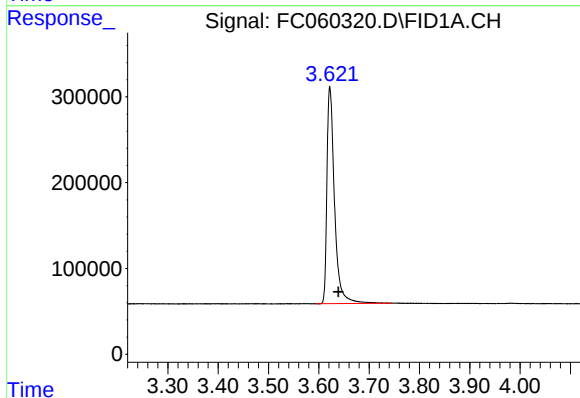
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Signal Info : 20M x 0.18mm x 0.18um





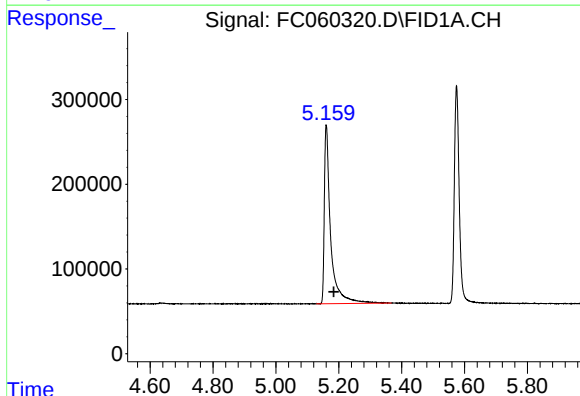
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.016 min
Response: 2635545
Conc: 20.59 ug/ml



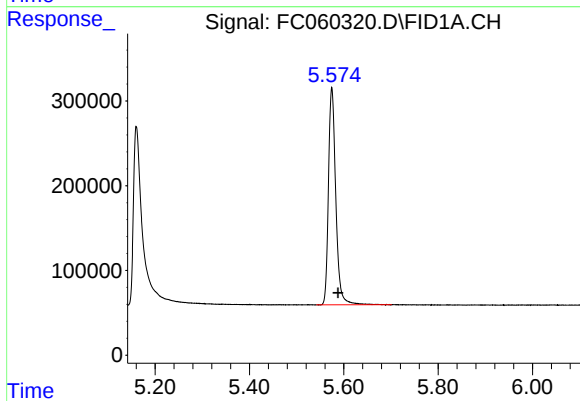
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.016 min
Response: 2654381
Conc: 20.75 ug/ml



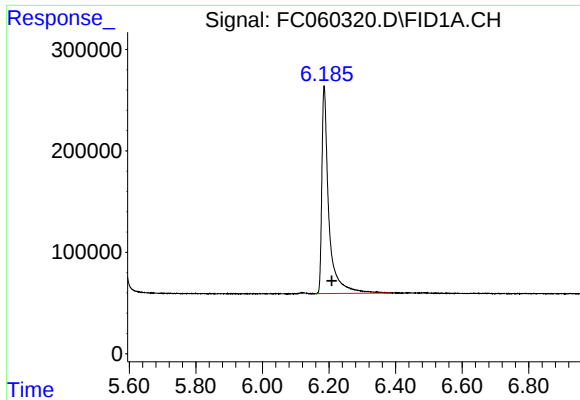
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.023 min
Response: 2964438
Conc: 20.51 ug/ml



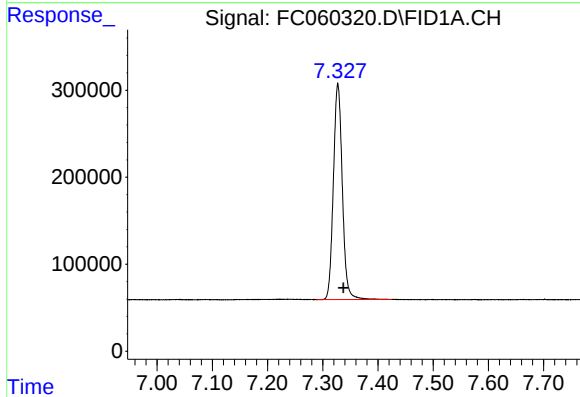
#4 n-Dodecane (C12)

R.T.: 5.575 min
Delta R.T.: -0.013 min
Response: 2776322
Conc: 20.83 ug/ml



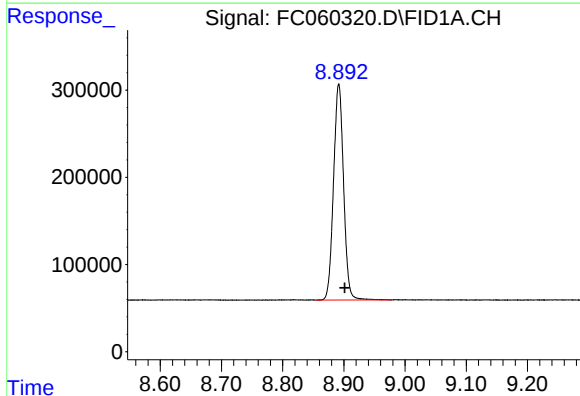
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.186 min
Delta R.T.: -0.023 min
Response: 3008362
Conc: 20.50 ug/ml



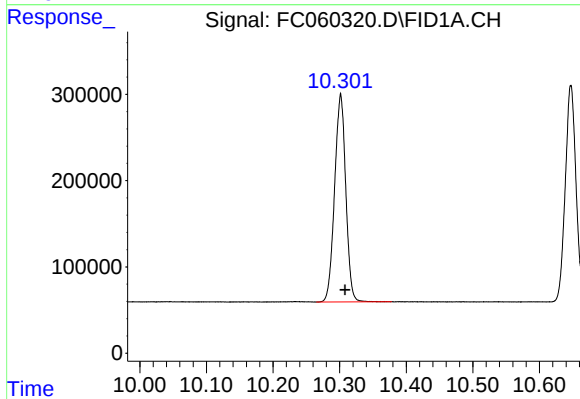
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.010 min
Response: 2796246
Conc: 20.48 ug/ml



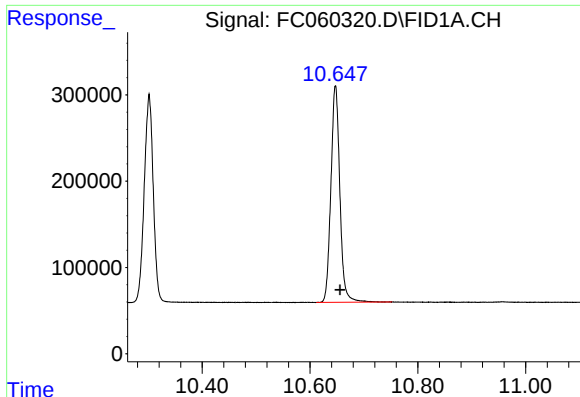
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.010 min
Response: 2824272
Conc: 20.13 ug/ml



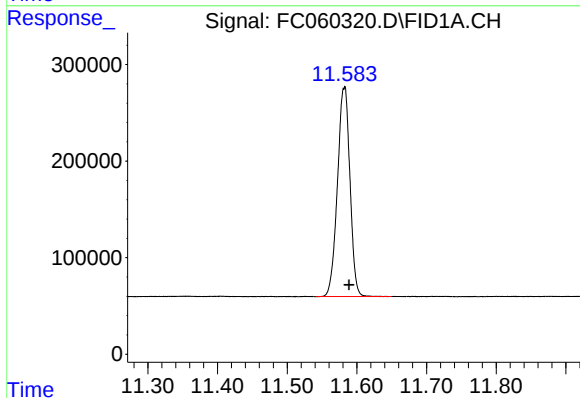
#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2800797
Conc: 19.57 ug/ml



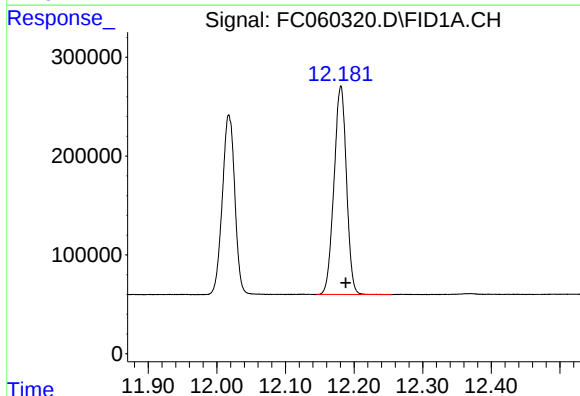
#9 ortho-Terphenyl (SURR)

R.T.: 10.647 min
Delta R.T.: -0.008 min
Response: 2895237
Conc: 18.60 ug/ml



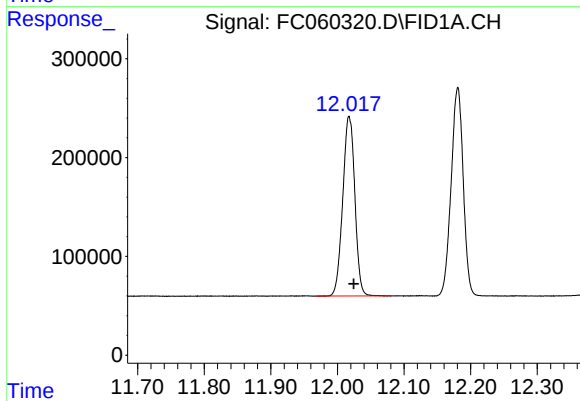
#10 n-Eicosane (C20)

R.T.: 11.582 min
Delta R.T.: -0.007 min
Response: 2701767
Conc: 18.94 ug/ml



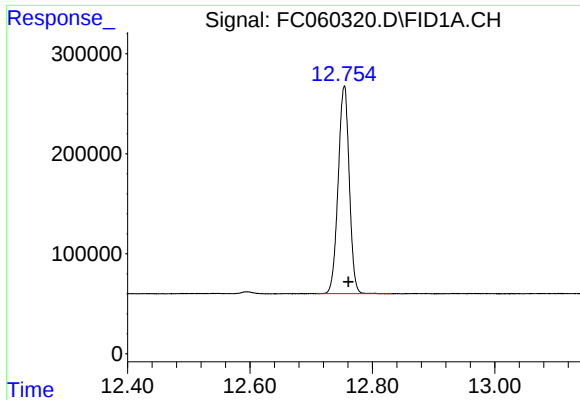
#11 n-Heneicosane (C21)

R.T.: 12.181 min
Delta R.T.: -0.007 min
Response: 2665149
Conc: 18.59 ug/ml



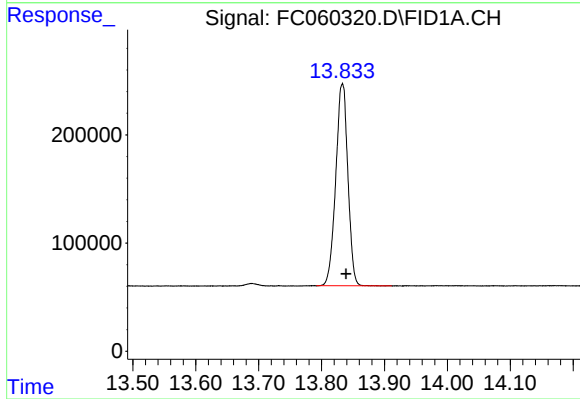
#12 1-chlorooctadecane (SURR)

R.T.: 12.018 min
Delta R.T.: -0.007 min
Response: 2297037
Conc: 18.53 ug/ml



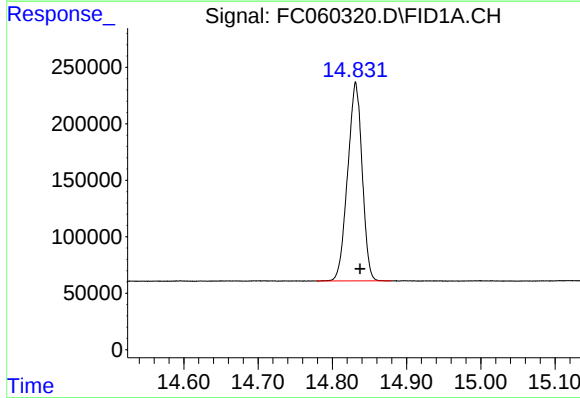
#13 n-Docosane (C22)

R.T.: 12.754 min
Delta R.T.: -0.007 min
Response: 2616168
Conc: 18.36 ug/ml



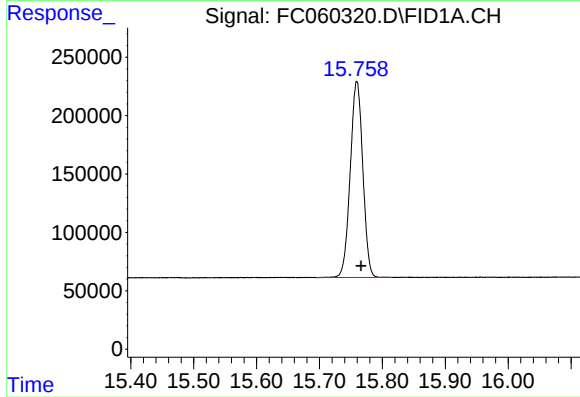
#14 n-Tetracosane (C24)

R.T.: 13.833 min
Delta R.T.: -0.006 min
Response: 2498179
Conc: 17.80 ug/ml



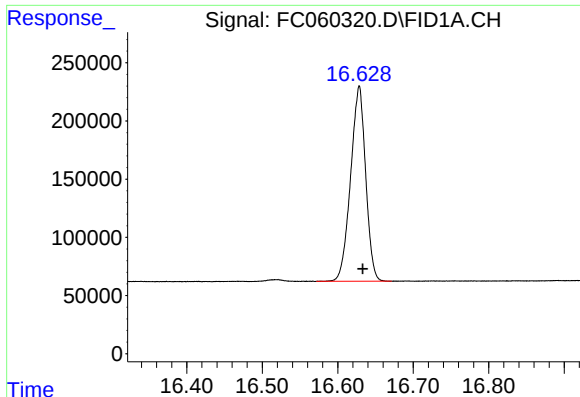
#15 n-Hexacosane (C26)

R.T.: 14.831 min
Delta R.T.: -0.006 min
Response: 2385591
Conc: 17.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.759 min
Delta R.T.: -0.006 min
Response: 2332414
Conc: 17.91 ug/ml



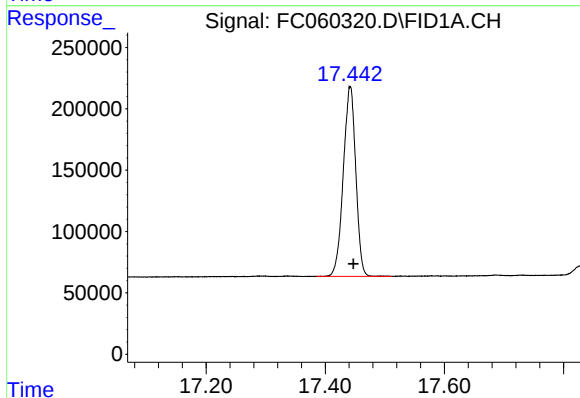
#17 n-Tricontane (C30)

R.T.: 16.628 min

Delta R.T.: -0.005 min

Response: 2323662

Conc: 18.98 ug/ml



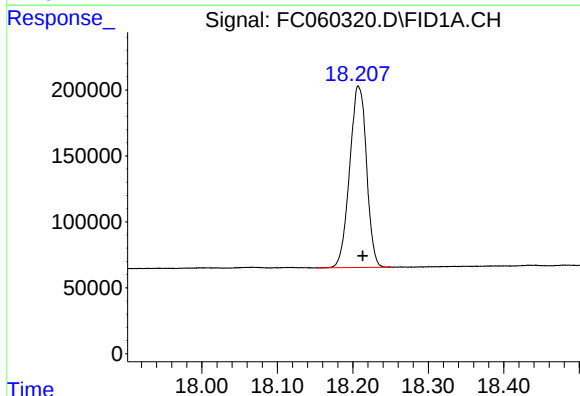
#18 n-Dotriacontane (C32)

R.T.: 17.442 min

Delta R.T.: -0.006 min

Response: 2249492

Conc: 20.18 ug/ml



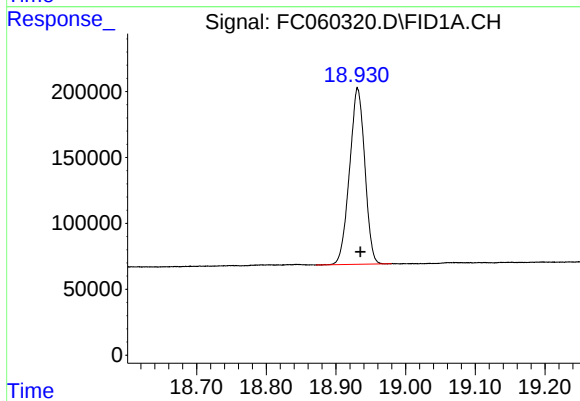
#19 n-Tetratriacontane (C34)

R.T.: 18.208 min

Delta R.T.: -0.005 min

Response: 2133822

Conc: 20.92 ug/ml



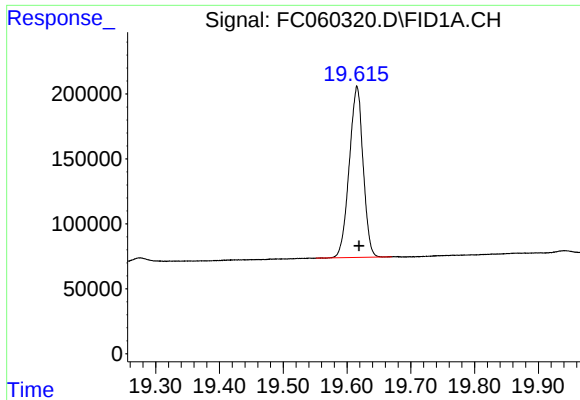
#20 n-Hexatriacontane (C36)

R.T.: 18.931 min

Delta R.T.: -0.004 min

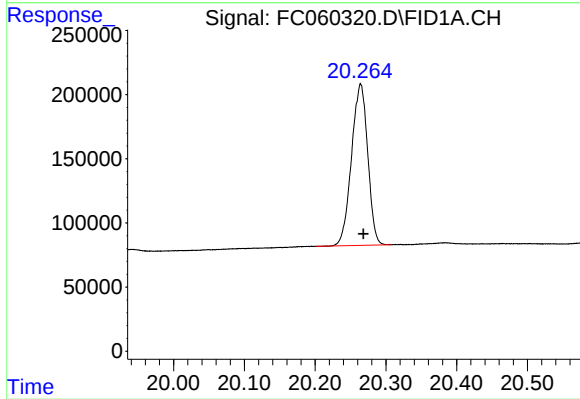
Response: 2030899

Conc: 21.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.615 min
Delta R.T.: -0.004 min
Response: 1990816
Conc: 21.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.264 min
Delta R.T.: -0.004 min
Response: 2000696
Conc: 21.26 ug/ml