

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122821AL\
 Data File : FD040224.D
 Signal(s) : FID2B.CH
 Acq On : 28 Dec 2021 19:21
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 02:32:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.720	3000297	19.259 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	12.155	2321282	19.248 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
Target Compounds			
1) T n-Nonane (C9)	2.643	2520992	19.211 ug/ml
2) T n-Decane (C10)	3.637	2544663	19.224 ug/ml
3) T A~Naphthalene (C11.7)	5.179	2830912	19.186 ug/ml
4) T n-Dodecane (C12)	5.612	2554339	19.233 ug/ml
5) T A~2-methylnaphthalene...	6.220	2846507	19.183 ug/ml
6) T n-Tetradecane (C14)	7.391	2646545	19.143 ug/ml
7) T n-Hexadecane (C16)	8.980	2637671	19.237 ug/ml
8) T n-Octadecane (C18)	10.414	2727074	19.311 ug/ml
10) T n-Eicosane (C20)	11.716	2698903	19.305 ug/ml
11) T n-Heneicosane (C21)	12.324	2728620	19.285 ug/ml
13) T n-Docosane (C22)	12.907	2710047	19.311 ug/ml
14) T n-Tetracosane (C24)	14.004	2712049	19.316 ug/ml
15) T n-Hexacosane (C26)	15.019	2653997	19.301 ug/ml
16) T n-Octacosane (C28)	15.964	2625197	19.298 ug/ml
17) T n-Tricontane (C30)	16.848	2548895	19.046 ug/ml
18) T n-Dotriacontane (C32)	17.677	2334548	18.035 ug/ml
19) T n-Tetratriacontane (C34)	18.457	2113002	17.428 ug/ml
20) T n-Hexatriacontane (C36)	19.194	1854910	17.406 ug/ml
21) T n-Octatriacontane (C38)	19.900	1617852	17.519 ug/ml
22) T n-Tetracontane (C40)	20.730	1367242	17.559 ug/ml

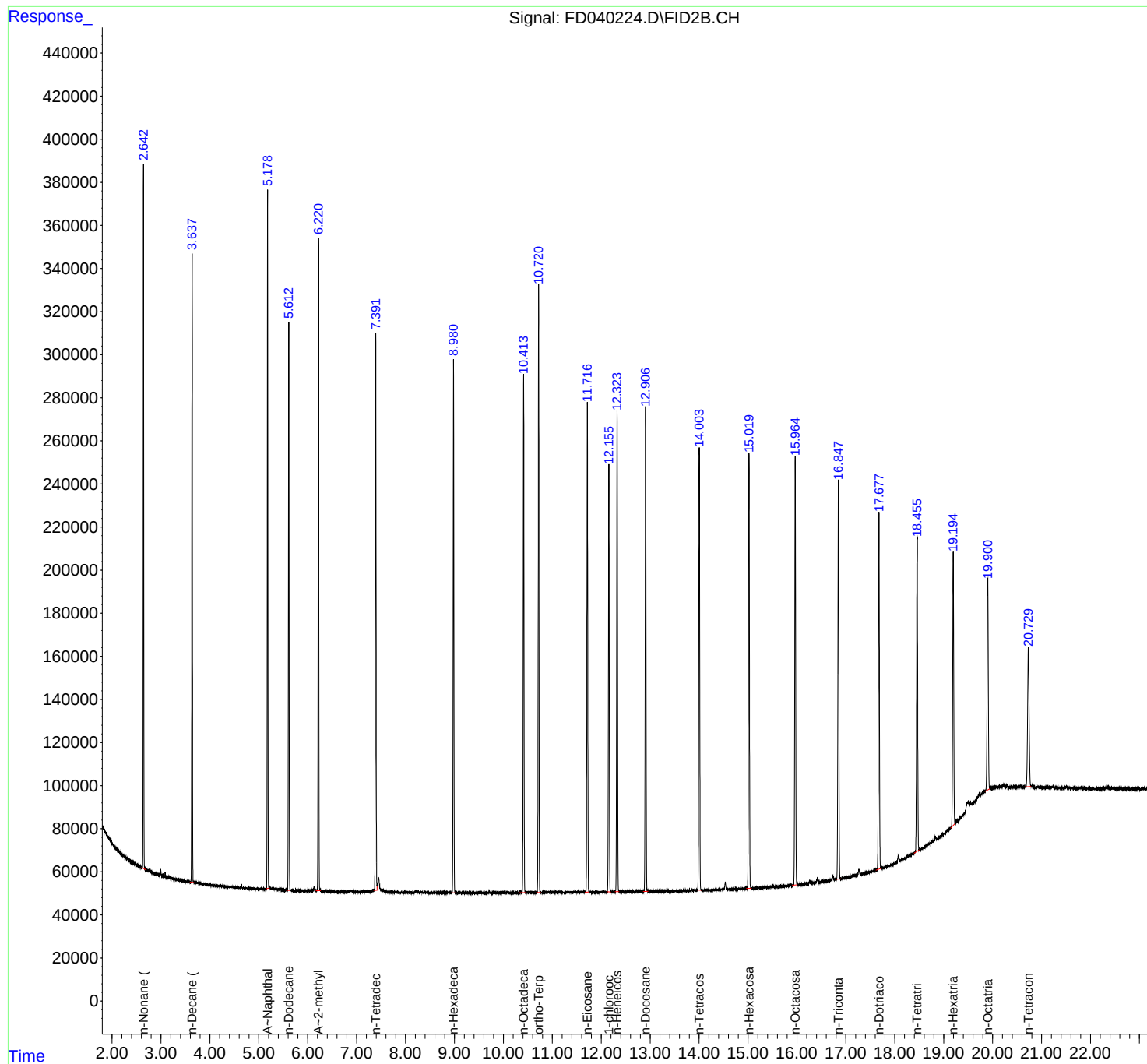
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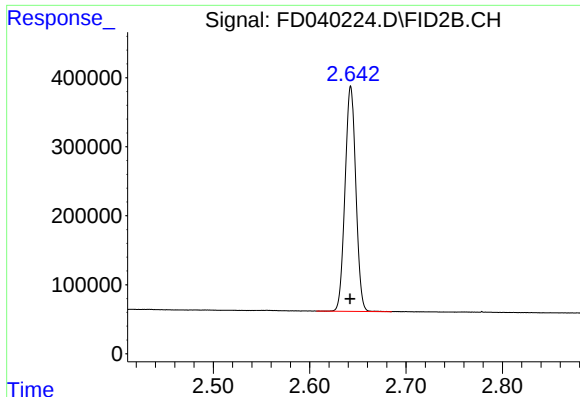
(m)=manual int.

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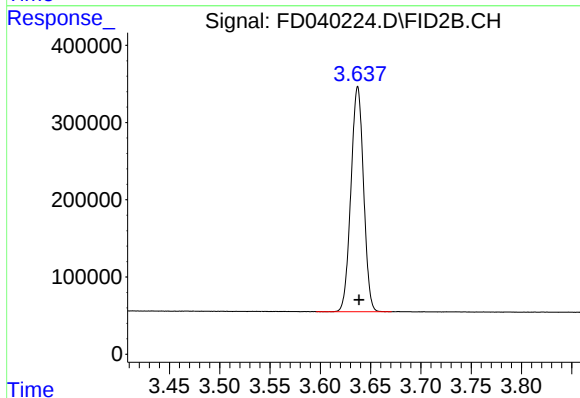
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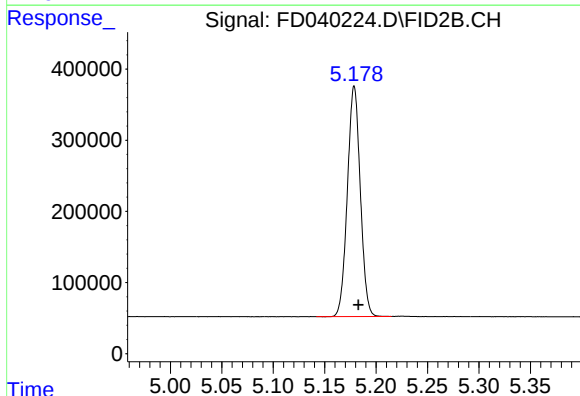
#1 n-Nonane (C9)

R.T.: 2.643 min
Delta R.T.: 0.000 min
Response: 2520992
Conc: 19.21 ug/ml



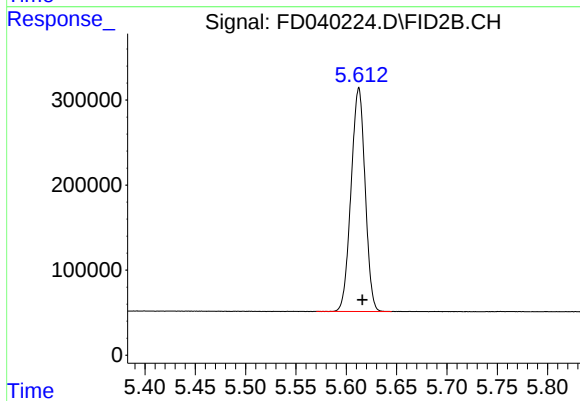
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: -0.001 min
Response: 2544663
Conc: 19.22 ug/ml



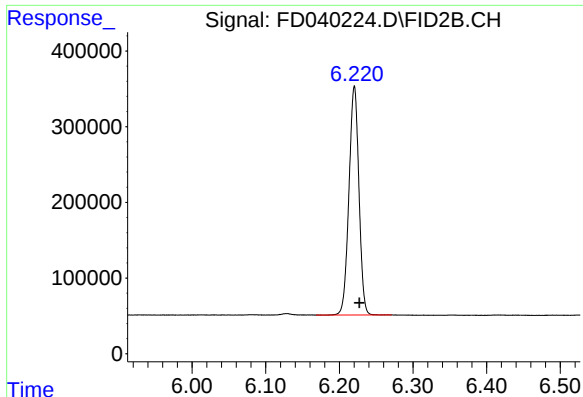
#3 A~Naphthalene (C11.7)

R.T.: 5.179 min
Delta R.T.: -0.004 min
Response: 2830912
Conc: 19.19 ug/ml



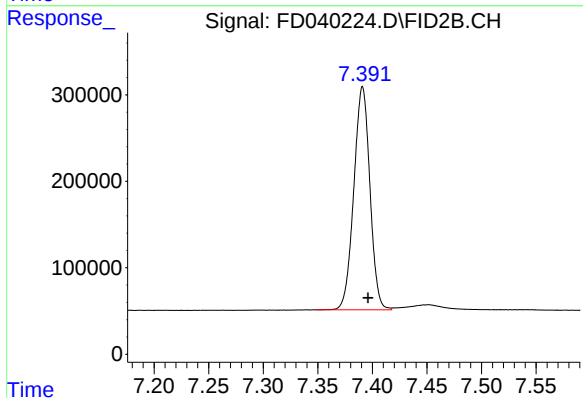
#4 n-Dodecane (C12)

R.T.: 5.612 min
Delta R.T.: -0.004 min
Response: 2554339
Conc: 19.23 ug/ml



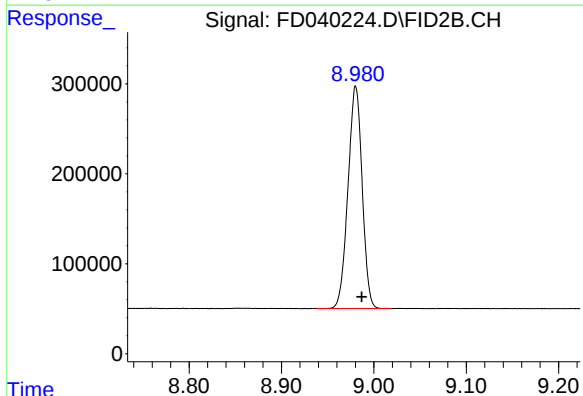
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.220 min
Delta R.T.: -0.007 min
Response: 2846507
Conc: 19.18 ug/ml



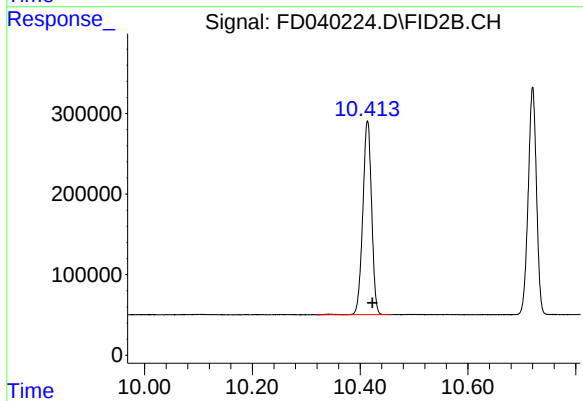
#6 n-Tetradecane (C14)

R.T.: 7.391 min
Delta R.T.: -0.005 min
Response: 2646545
Conc: 19.14 ug/ml



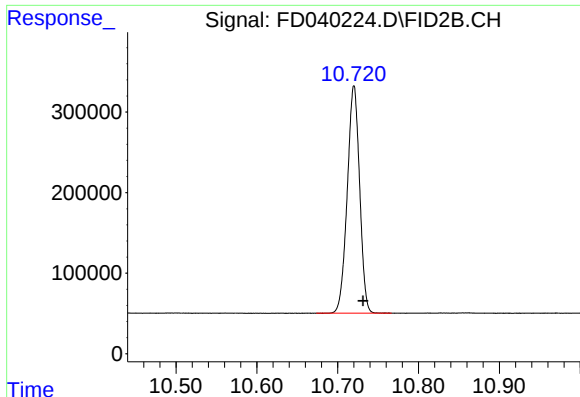
#7 n-Hexadecane (C16)

R.T.: 8.980 min
Delta R.T.: -0.006 min
Response: 2637671
Conc: 19.24 ug/ml



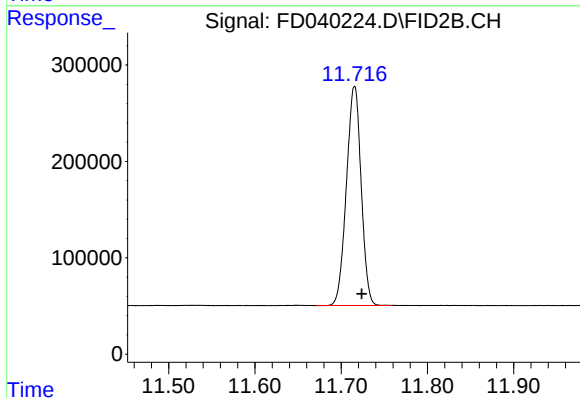
#8 n-Octadecane (C18)

R.T.: 10.414 min
Delta R.T.: -0.009 min
Response: 2727074
Conc: 19.31 ug/ml



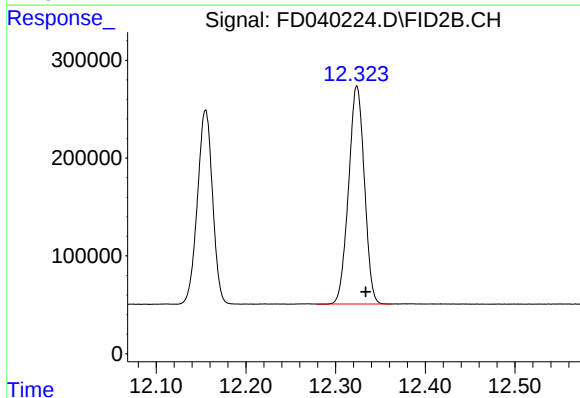
#9 ortho-Terphenyl (SURR)

R.T.: 10.720 min
Delta R.T.: -0.011 min
Response: 3000297
Conc: 19.26 ug/ml



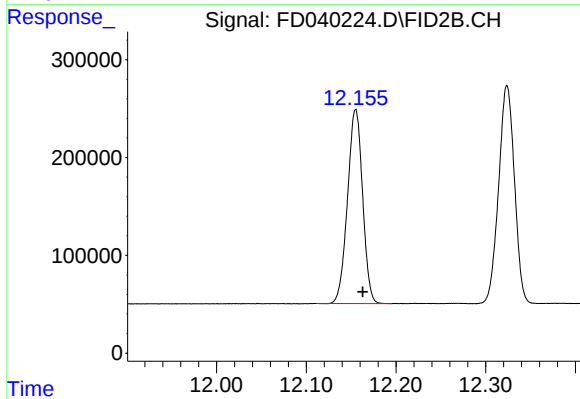
#10 n-Eicosane (C20)

R.T.: 11.716 min
Delta R.T.: -0.009 min
Response: 2698903
Conc: 19.30 ug/ml



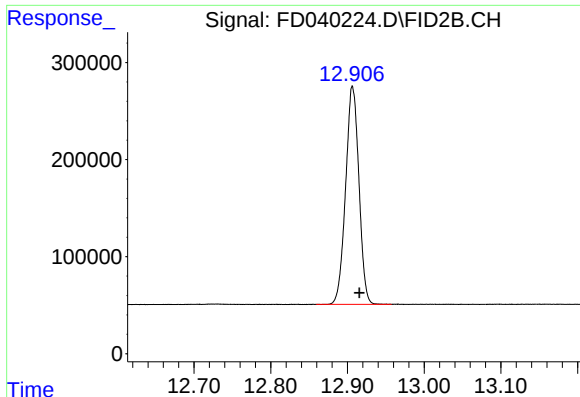
#11 n-Heneicosane (C21)

R.T.: 12.324 min
Delta R.T.: -0.010 min
Response: 2728620
Conc: 19.29 ug/ml



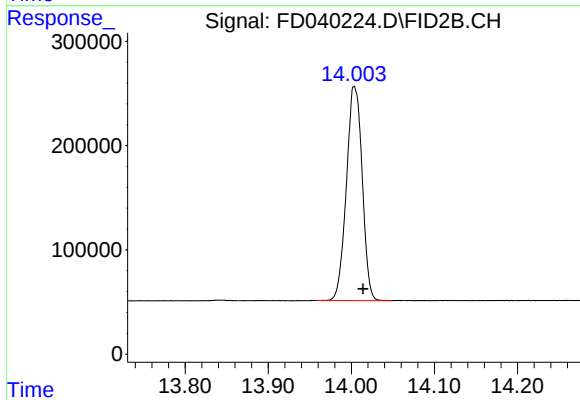
#12 1-chlorooctadecane (SURR)

R.T.: 12.155 min
Delta R.T.: -0.008 min
Response: 2321282
Conc: 19.25 ug/ml



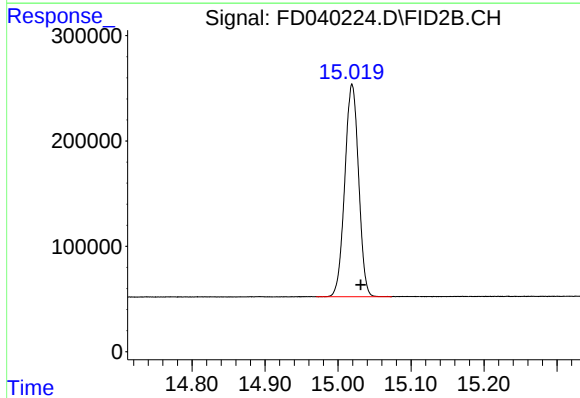
#13 n-Docosane (C22)

R.T.: 12.907 min
Delta R.T.: -0.009 min
Response: 2710047
Conc: 19.31 ug/ml



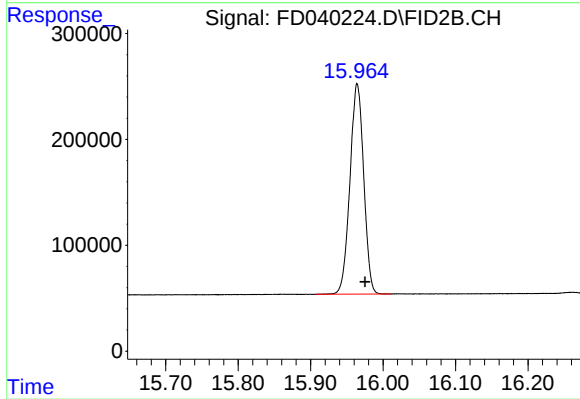
#14 n-Tetracosane (C24)

R.T.: 14.004 min
Delta R.T.: -0.010 min
Response: 2712049
Conc: 19.32 ug/ml



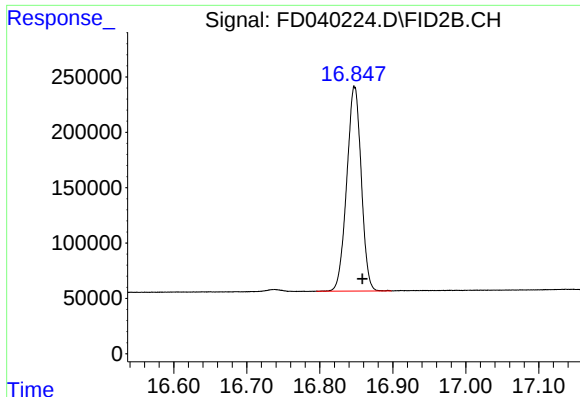
#15 n-Hexacosane (C26)

R.T.: 15.019 min
Delta R.T.: -0.012 min
Response: 2653997
Conc: 19.30 ug/ml



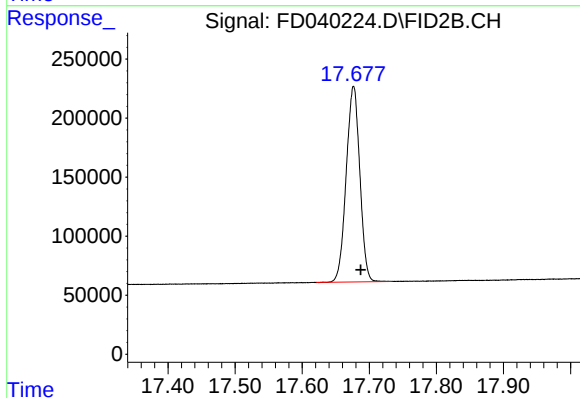
#16 n-Octacosane (C28)

R.T.: 15.964 min
Delta R.T.: -0.011 min
Response: 2625197
Conc: 19.30 ug/ml



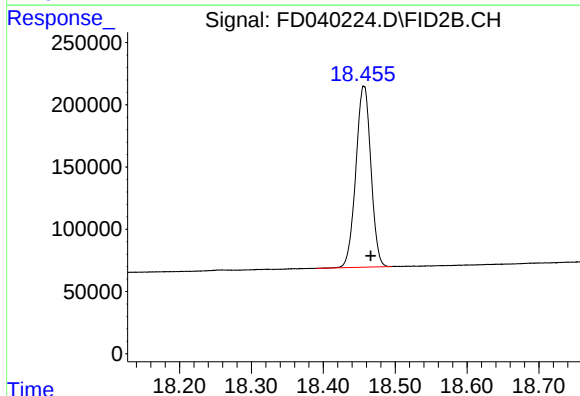
#17 n-Tricontane (C30)

R.T.: 16.848 min
Delta R.T.: -0.011 min
Response: 2548895
Conc: 19.05 ug/ml



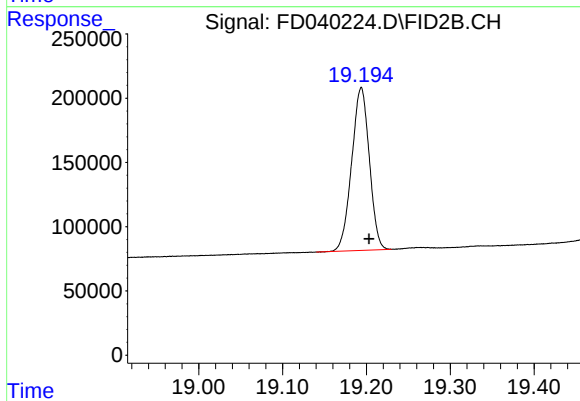
#18 n-Dotriacontane (C32)

R.T.: 17.677 min
Delta R.T.: -0.011 min
Response: 2334548
Conc: 18.04 ug/ml



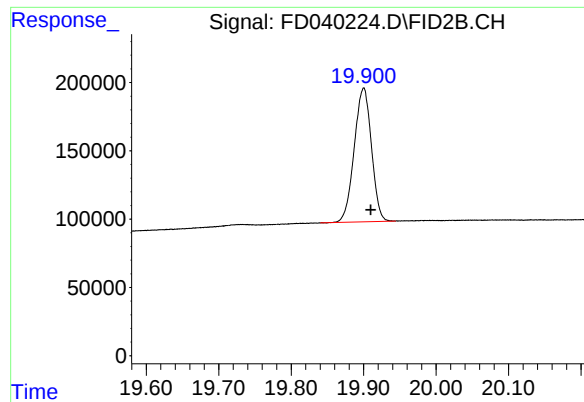
#19 n-Tetratriacontane (C34)

R.T.: 18.457 min
Delta R.T.: -0.010 min
Response: 2113002
Conc: 17.43 ug/ml



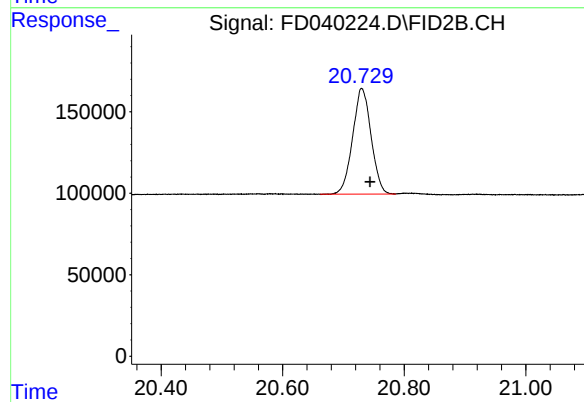
#20 n-Hexatriacontane (C36)

R.T.: 19.194 min
Delta R.T.: -0.009 min
Response: 1854910
Conc: 17.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.900 min
Delta R.T.: -0.010 min
Response: 1617852
Conc: 17.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.730 min
Delta R.T.: -0.014 min
Response: 1367242
Conc: 17.56 ug/ml