

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040128.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2021 14:50
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 15:40:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 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)	10.727	3109094	20.630 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
12) S 1-chlorooctadecane (S...	12.162	2454200	20.785 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
Target Compounds			
1) T n-Nonane (C9)	2.644	2719092	20.699 ug/ml
2) T n-Decane (C10)	3.640	2733177	20.652 ug/ml
3) T A~Naphthalene (C11.7)	5.183	3072061	20.652 ug/ml
4) T n-Dodecane (C12)	5.617	2712125	20.628 ug/ml
5) T A~2-methylnaphthalene...	6.225	3075338	20.644 ug/ml
6) T n-Tetradecane (C14)	7.397	2718722	20.636 ug/ml
7) T n-Hexadecane (C16)	8.987	2755058	20.678 ug/ml
8) T n-Octadecane (C18)	10.420	2873106	20.640 ug/ml
10) T n-Eicosane (C20)	11.723	2906004	20.742 ug/ml
11) T n-Heneicosane (C21)	12.332	2942692	20.712 ug/ml
13) T n-Docosane (C22)	12.915	2955348	20.865 ug/ml
14) T n-Tetracosane (C24)	14.012	3012717	21.126 ug/ml
15) T n-Hexacosane (C26)	15.028	2899012	21.343 ug/ml
16) T n-Octacosane (C28)	15.974	2752189	21.437 ug/ml
17) T n-Tricontane (C30)	16.858	2545353	21.195 ug/ml
18) T n-Dotriacontane (C32)	17.687	2337720	20.744 ug/ml
19) T n-Tetratriacontane (C34)	18.467	2280316	20.861 ug/ml
20) T n-Hexatriacontane (C36)	19.205	2156014	21.045 ug/ml
21) T n-Octatriacontane (C38)	19.913	2018130	21.046 ug/ml
22) T n-Tetracontane (C40)	20.751	1644027	21.147 ug/ml

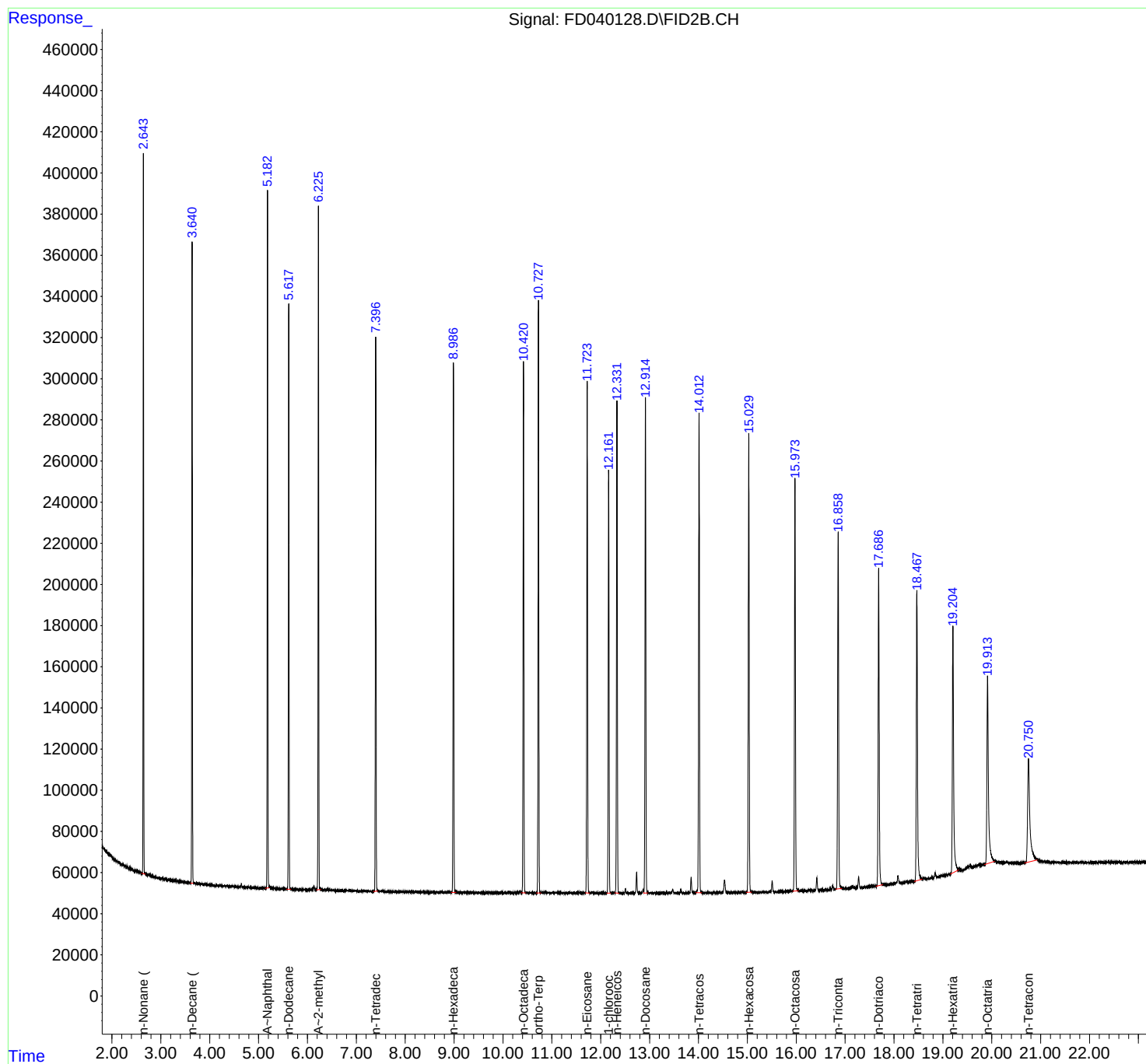
(f)=RT Delta > 1/2 Window

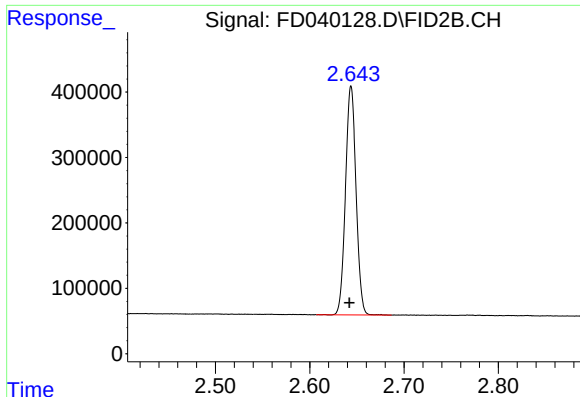
(m)=manual int.

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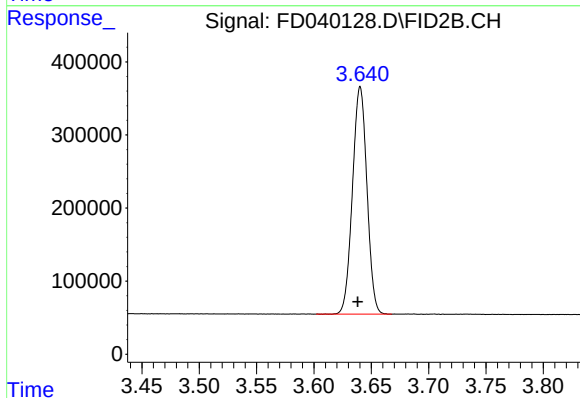
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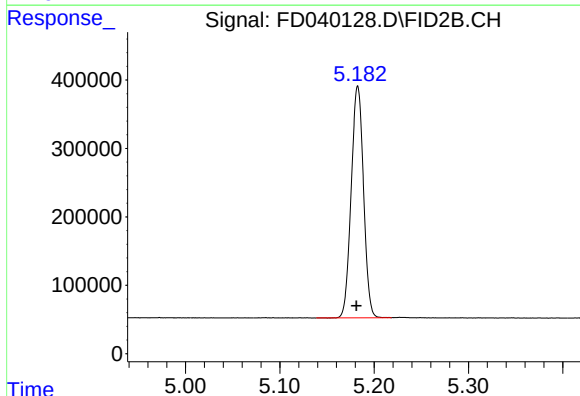
#1 n-Nonane (C9)

R.T.: 2.644 min
Delta R.T.: 0.002 min
Response: 2719092
Conc: 20.70 ug/ml



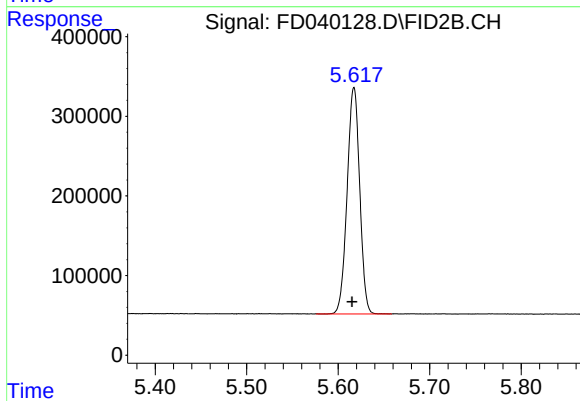
#2 n-Decane (C10)

R.T.: 3.640 min
Delta R.T.: 0.002 min
Response: 2733177
Conc: 20.65 ug/ml



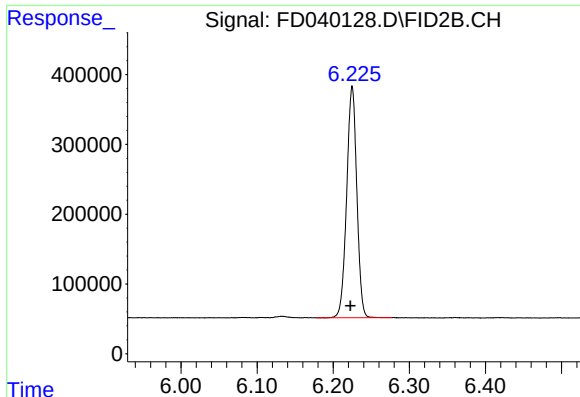
#3 A~Naphthalene (C11.7)

R.T.: 5.183 min
Delta R.T.: 0.002 min
Response: 3072061
Conc: 20.65 ug/ml



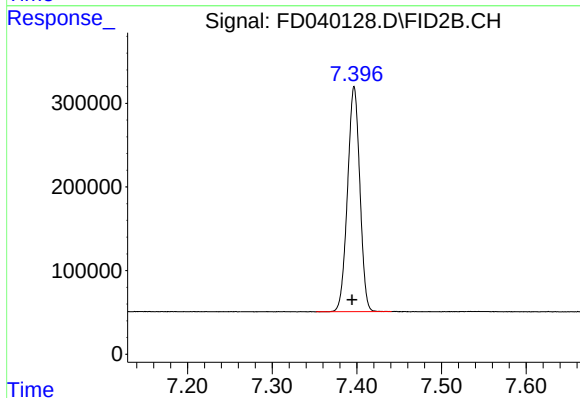
#4 n-Dodecane (C12)

R.T.: 5.617 min
Delta R.T.: 0.002 min
Response: 2712125
Conc: 20.63 ug/ml



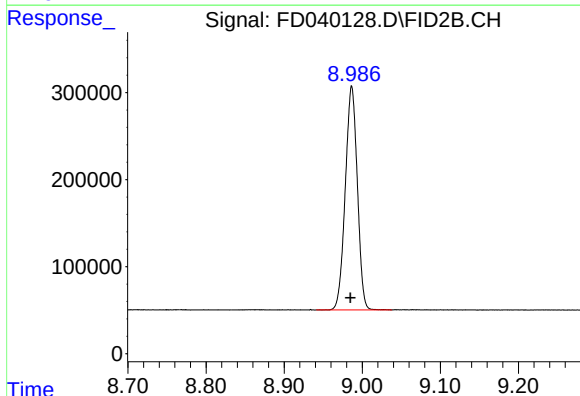
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.225 min
Delta R.T.: 0.002 min
Response: 3075338
Conc: 20.64 ug/ml



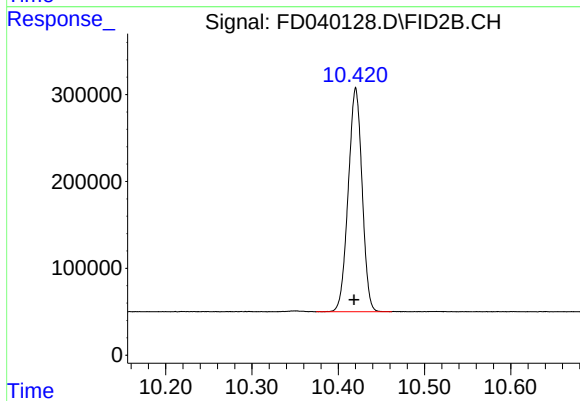
#6 n-Tetradecane (C14)

R.T.: 7.397 min
Delta R.T.: 0.003 min
Response: 2718722
Conc: 20.64 ug/ml



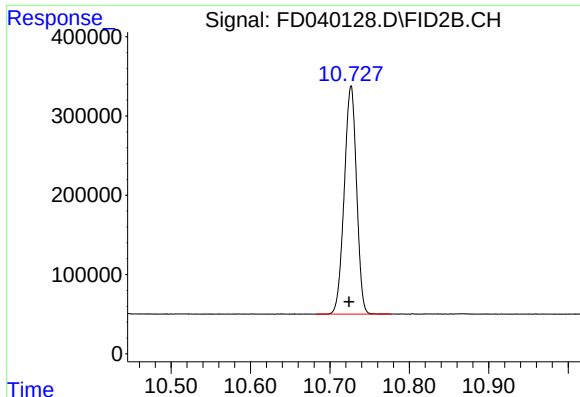
#7 n-Hexadecane (C16)

R.T.: 8.987 min
Delta R.T.: 0.002 min
Response: 2755058
Conc: 20.68 ug/ml



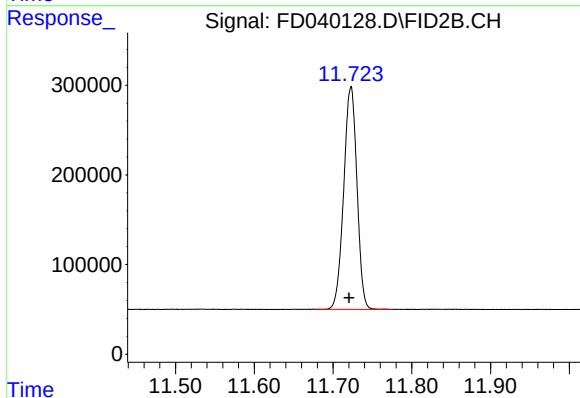
#8 n-Octadecane (C18)

R.T.: 10.420 min
Delta R.T.: 0.002 min
Response: 2873106
Conc: 20.64 ug/ml



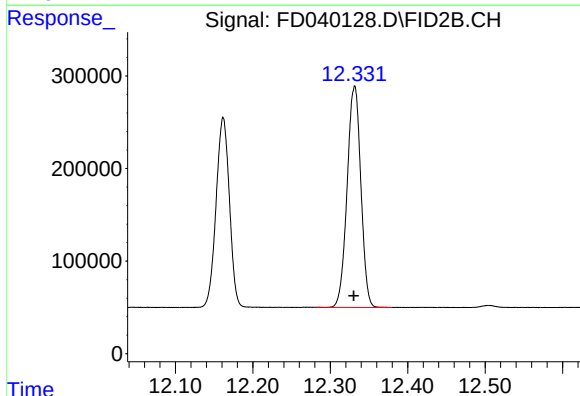
#9 ortho-Terphenyl (SURR)

R.T.: 10.727 min
Delta R.T.: 0.003 min
Response: 3109094
Conc: 20.63 ug/ml



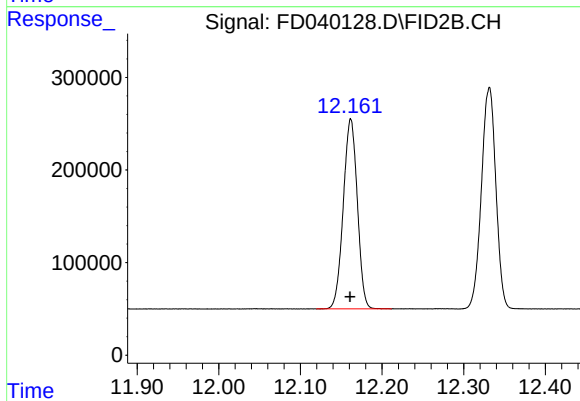
#10 n-Eicosane (C20)

R.T.: 11.723 min
Delta R.T.: 0.002 min
Response: 2906004
Conc: 20.74 ug/ml



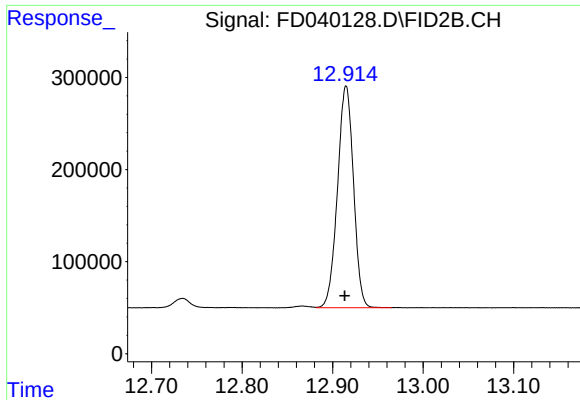
#11 n-Heneicosane (C21)

R.T.: 12.332 min
Delta R.T.: 0.001 min
Response: 2942692
Conc: 20.71 ug/ml



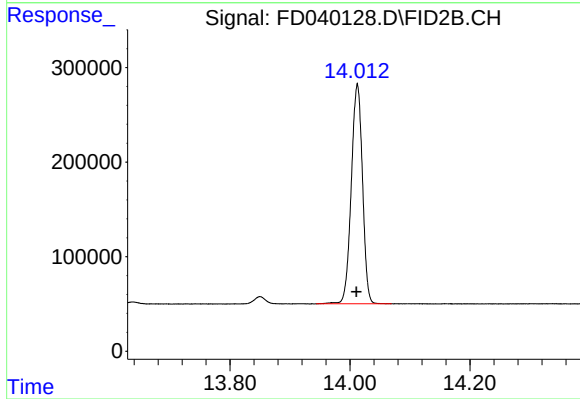
#12 1-chlorooctadecane (SURR)

R.T.: 12.162 min
Delta R.T.: 0.000 min
Response: 2454200
Conc: 20.79 ug/ml



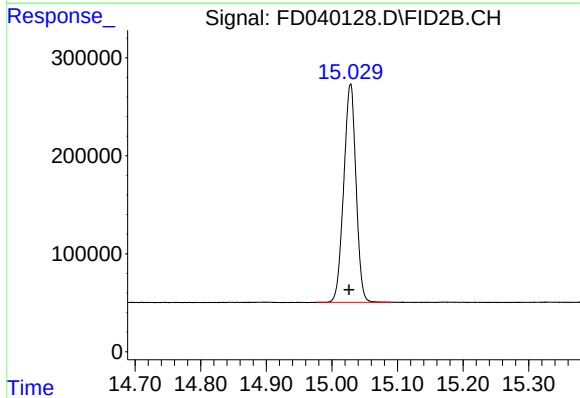
#13 n-Docosane (C22)

R.T.: 12.915 min
Delta R.T.: 0.002 min
Response: 2955348
Conc: 20.86 ug/ml



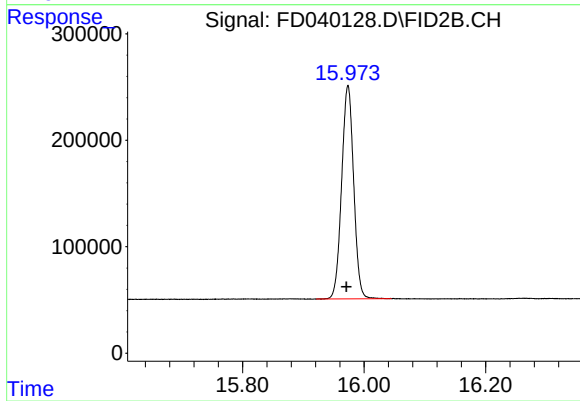
#14 n-Tetracosane (C24)

R.T.: 14.012 min
Delta R.T.: 0.002 min
Response: 3012717
Conc: 21.13 ug/ml



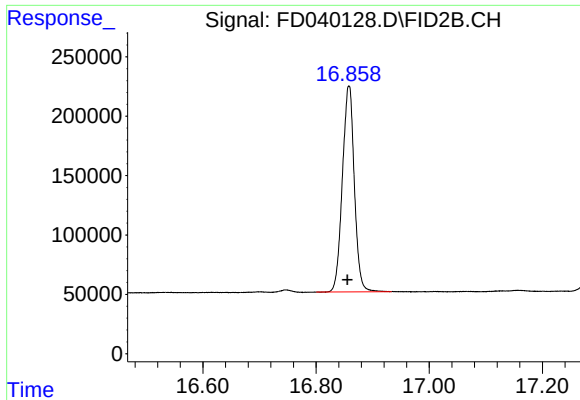
#15 n-Hexacosane (C26)

R.T.: 15.028 min
Delta R.T.: 0.003 min
Response: 2899012
Conc: 21.34 ug/ml



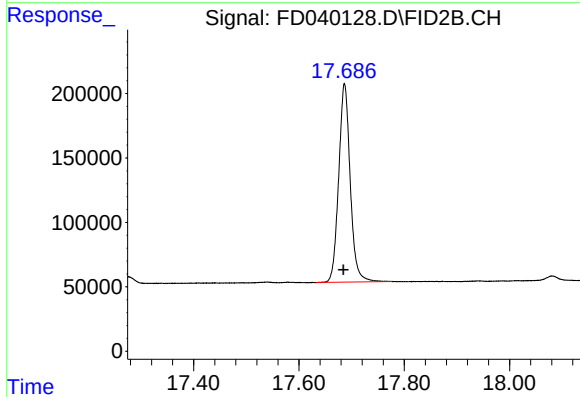
#16 n-Octacosane (C28)

R.T.: 15.974 min
Delta R.T.: 0.002 min
Response: 2752189
Conc: 21.44 ug/ml



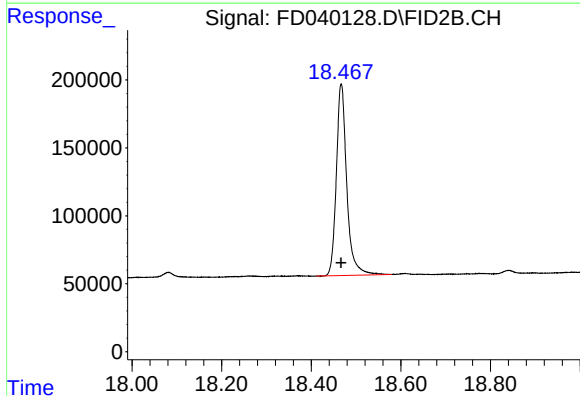
#17 n-Tricontane (C30)

R.T.: 16.858 min
Delta R.T.: 0.003 min
Response: 2545353
Conc: 21.19 ug/ml



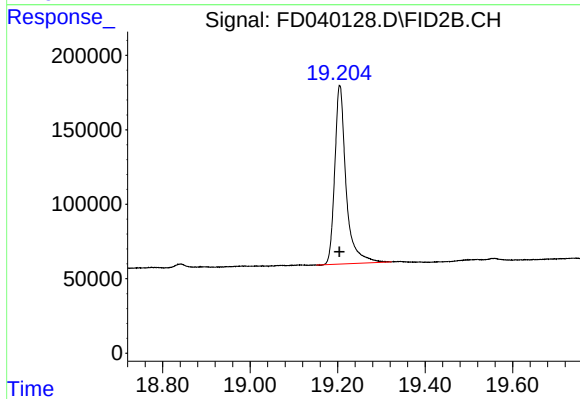
#18 n-Dotriacontane (C32)

R.T.: 17.687 min
Delta R.T.: 0.002 min
Response: 2337720
Conc: 20.74 ug/ml



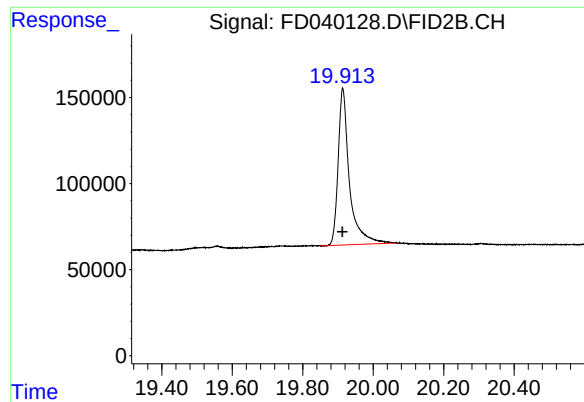
#19 n-Tetratriacontane (C34)

R.T.: 18.467 min
Delta R.T.: 0.000 min
Response: 2280316
Conc: 20.86 ug/ml



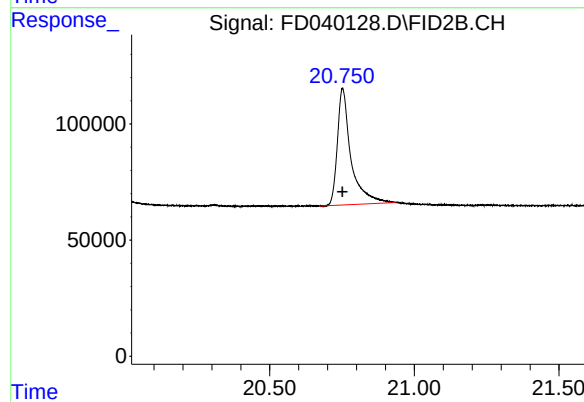
#20 n-Hexatriacontane (C36)

R.T.: 19.205 min
Delta R.T.: 0.000 min
Response: 2156014
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.913 min
Delta R.T.: 0.000 min
Response: 2018130
Conc: 21.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.751 min
Delta R.T.: 0.000 min
Response: 1644027
Conc: 21.15 ug/ml