

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040158.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2021 7:36
 Operator : AJ\MA
 Sample : M5199-01MSD
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 24 08:28:43 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)	10.762	6857248	45.499 ug/mlm
Spiked Amount 50.000		Recovery =	91.00%
12) S 1-chlorooctadecane (S...	12.180	5682393	48.126 ug/mlm
Spiked Amount 50.000		Recovery =	96.25%
Target Compounds			
1) T n-Nonane (C9)	2.671	7760549	59.076 ug/mlm
2) T n-Decane (C10)	3.657	9423091	71.200 ug/ml
3) T A~Naphthalene (C11.7)	5.197	11216362	75.401 ug/mlm
4) T n-Dodecane (C12)	5.635	10594101	80.576 ug/mlm
5) T A~2-methylnaphthalene...	6.249	19639200	131.831 ug/mlm
6) T n-Tetradecane (C14)	7.432	12462852	94.597 ug/mlm
7) T n-Hexadecane (C16)	9.022	17769066	133.364 ug/mlm
8) T n-Octadecane (C18)	10.457	14317888	102.860 ug/mlm
10) T n-Eicosane (C20)	11.750	9565698	68.275 ug/mlm
11) T n-Heneicosane (C21)	12.350	9084930	63.942 ug/mlm
13) T n-Docosane (C22)	12.927	7679364	54.216 ug/mlm
14) T n-Tetracosane (C24)	14.019	7428008	52.088 ug/ml
15) T n-Hexacosane (C26)	15.034	6919003	50.939 ug/ml
16) T n-Octacosane (C28)	15.978	6739834	52.497 ug/ml
17) T n-Tricontane (C30)	16.863	6453825	53.740 ug/ml
18) T n-Dotriacontane (C32)	17.691	6197690	54.995 ug/ml
19) T n-Tetratriacontane (C34)	18.470	5529253	50.584 ug/ml
20) T n-Hexatriacontane (C36)	19.207	4465124	43.584 ug/ml
21) T n-Octatriacontane (C38)	19.915	3800797	39.636 ug/ml
22) T n-Tetracontane (C40)	20.752	3569048	45.908 ug/mlm

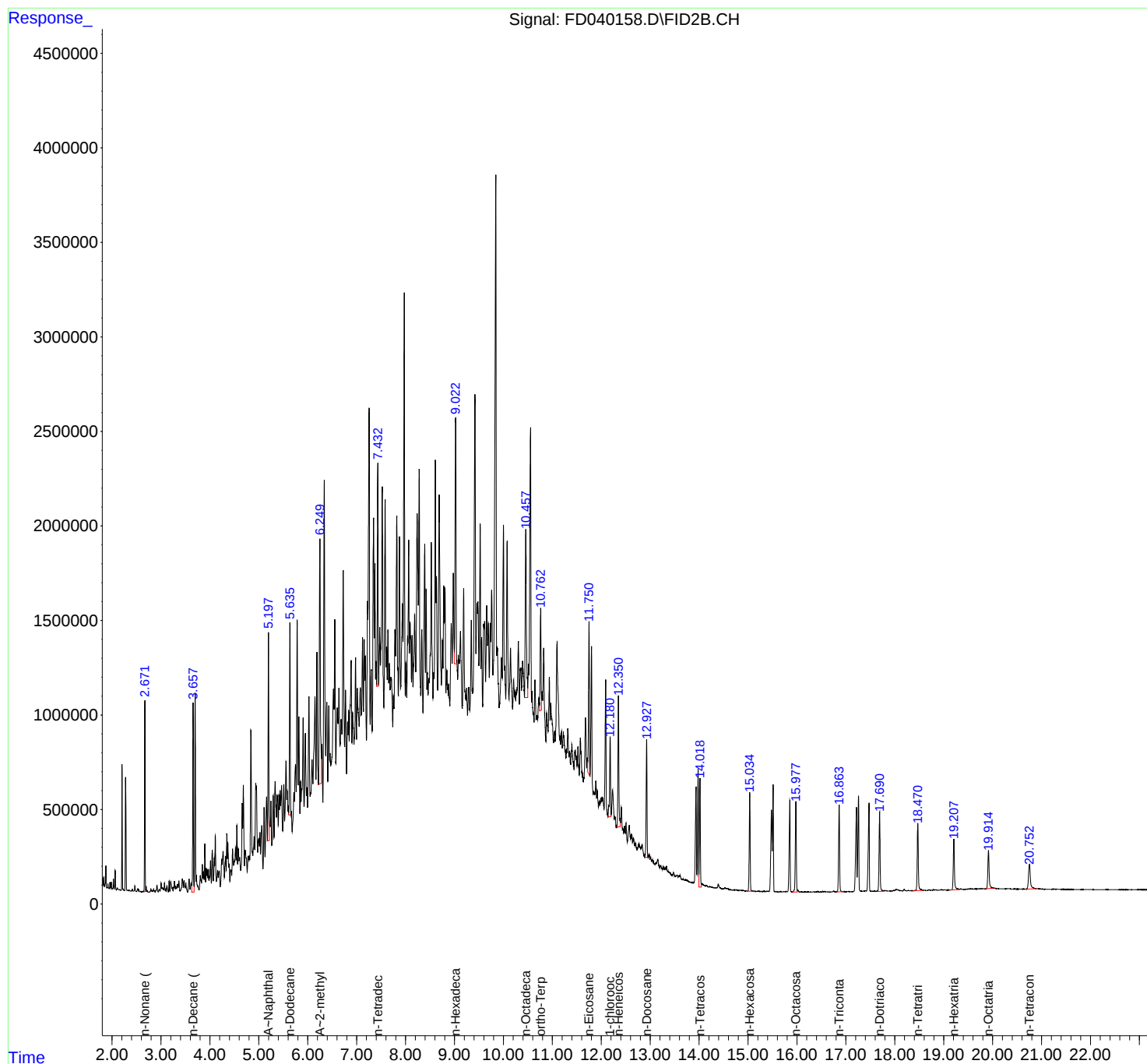
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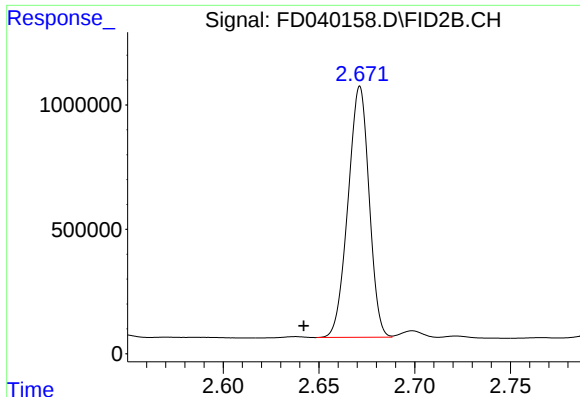
(m)=manual int.

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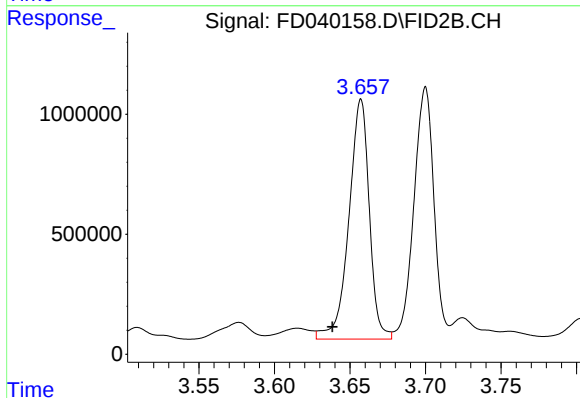
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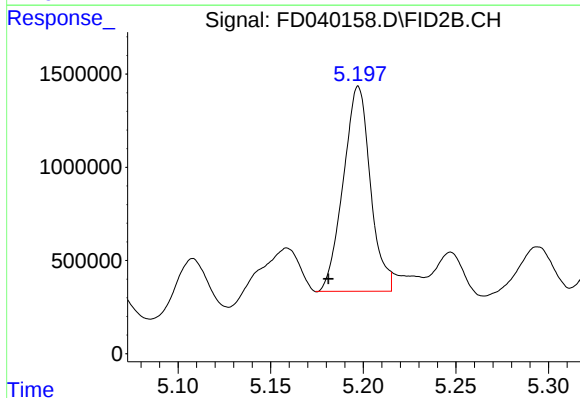
#1 n-Nonane (C9)

R.T.: 2.671 min
Delta R.T.: 0.029 min
Response: 7760549
Conc: 59.08 ug/ml m



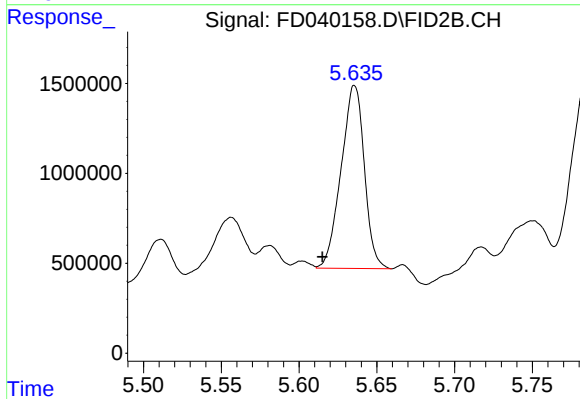
#2 n-Decane (C10)

R.T.: 3.657 min
Delta R.T.: 0.019 min
Response: 9423091
Conc: 71.20 ug/ml



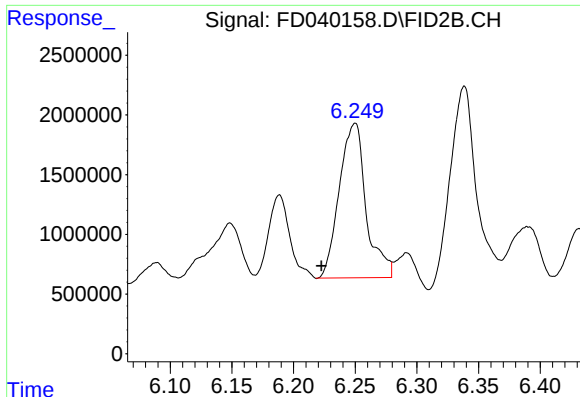
#3 A~Naphthalene (C11.7)

R.T.: 5.197 min
Delta R.T.: 0.016 min
Response: 11216362
Conc: 75.40 ug/ml m



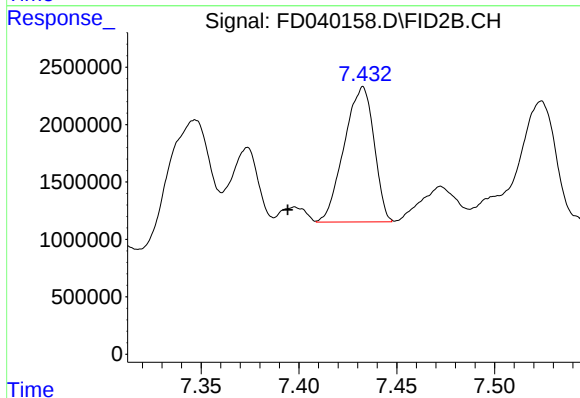
#4 n-Dodecane (C12)

R.T.: 5.635 min
Delta R.T.: 0.020 min
Response: 10594101
Conc: 80.58 ug/ml m



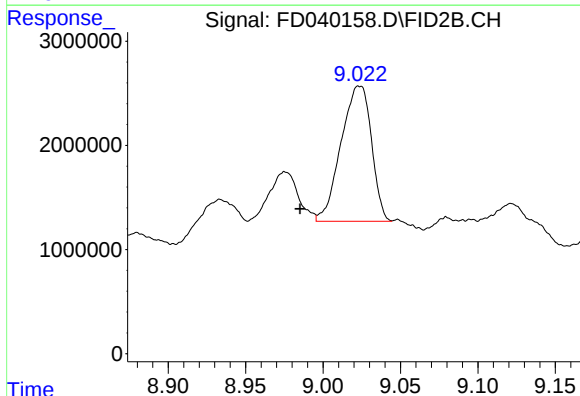
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.249 min
Delta R.T.: 0.027 min
Response: 19639200
Conc: 131.83 ug/ml m



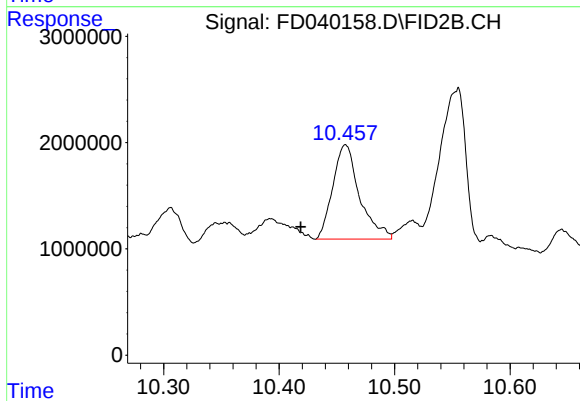
#6 n-Tetradecane (C14)

R.T.: 7.432 min
Delta R.T.: 0.038 min
Response: 12462852
Conc: 94.60 ug/ml m



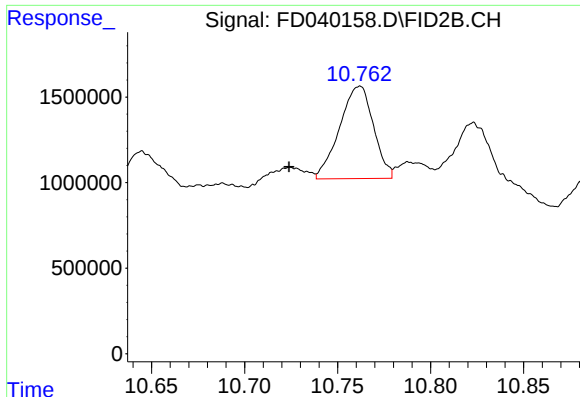
#7 n-Hexadecane (C16)

R.T.: 9.022 min
Delta R.T.: 0.037 min
Response: 17769066
Conc: 133.36 ug/ml m



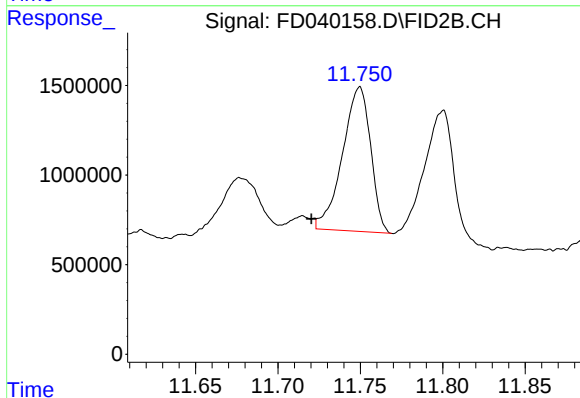
#8 n-Octadecane (C18)

R.T.: 10.457 min
Delta R.T.: 0.039 min
Response: 14317888
Conc: 102.86 ug/ml m



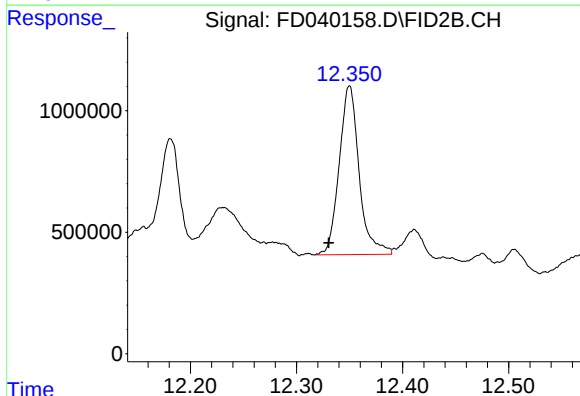
#9 ortho-Terphenyl (SURR)

R.T.: 10.762 min
Delta R.T.: 0.038 min
Response: 6857248
Conc: 45.50 ug/ml m



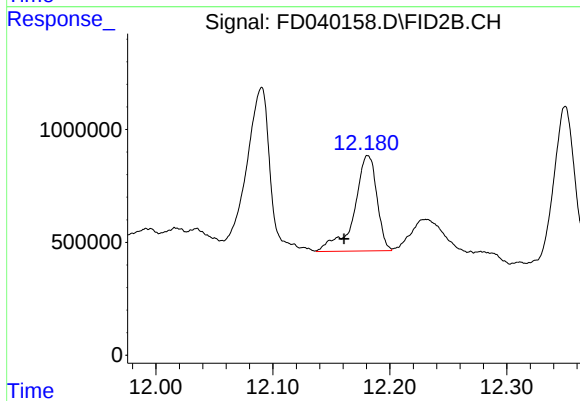
#10 n-Eicosane (C20)

R.T.: 11.750 min
Delta R.T.: 0.029 min
Response: 9565698
Conc: 68.28 ug/ml m



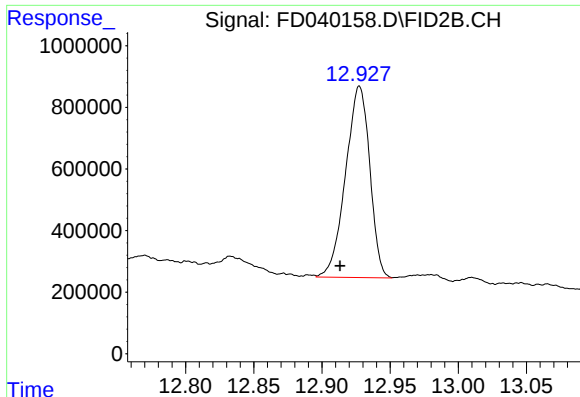
#11 n-Heneicosane (C21)

R.T.: 12.350 min
Delta R.T.: 0.020 min
Response: 9084930
Conc: 63.94 ug/ml m



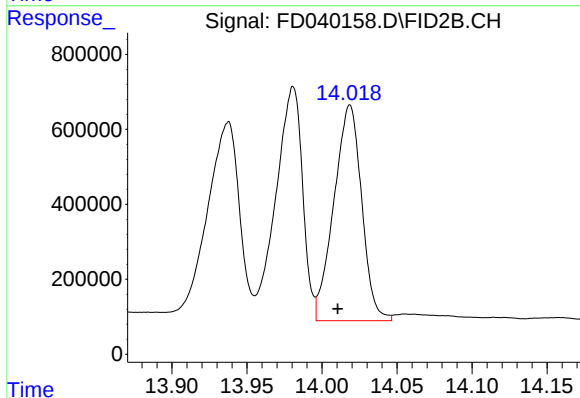
#12 1-chlorooctadecane (SURR)

R.T.: 12.180 min
Delta R.T.: 0.019 min
Response: 5682393
Conc: 48.13 ug/ml m



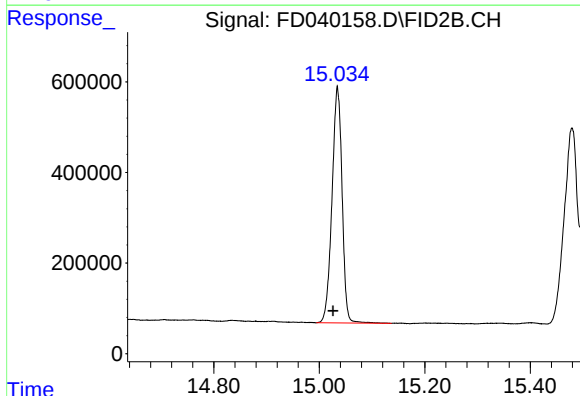
#13 n-Docosane (C22)

R.T.: 12.927 min
Delta R.T.: 0.014 min
Response: 7679364
Conc: 54.22 ug/ml m



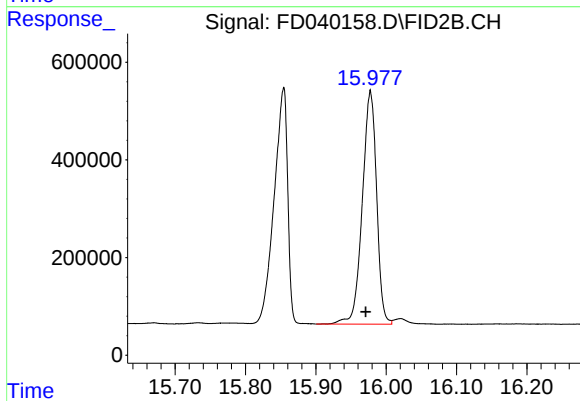
#14 n-Tetracosane (C24)

R.T.: 14.019 min
Delta R.T.: 0.008 min
Response: 7428008
Conc: 52.09 ug/ml



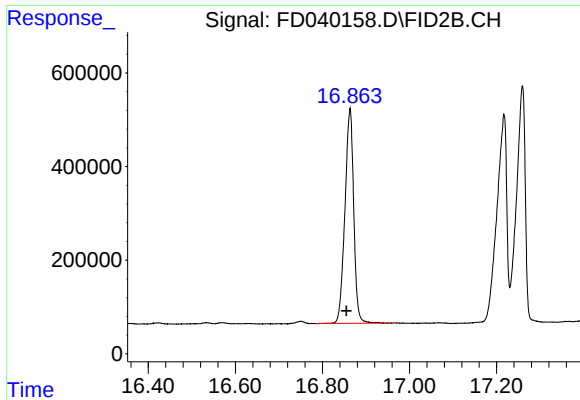
#15 n-Hexacosane (C26)

R.T.: 15.034 min
Delta R.T.: 0.009 min
Response: 6919003
Conc: 50.94 ug/ml



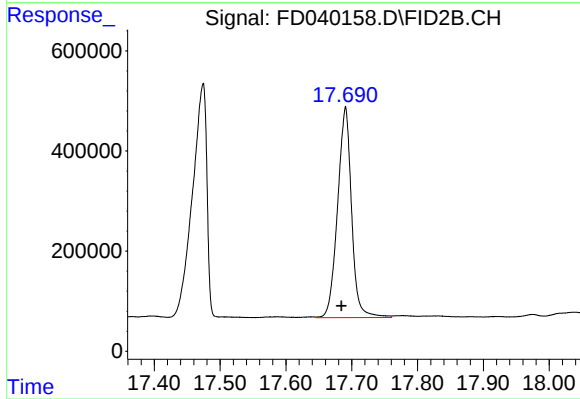
#16 n-Octacosane (C28)

R.T.: 15.978 min
Delta R.T.: 0.006 min
Response: 6739834
Conc: 52.50 ug/ml



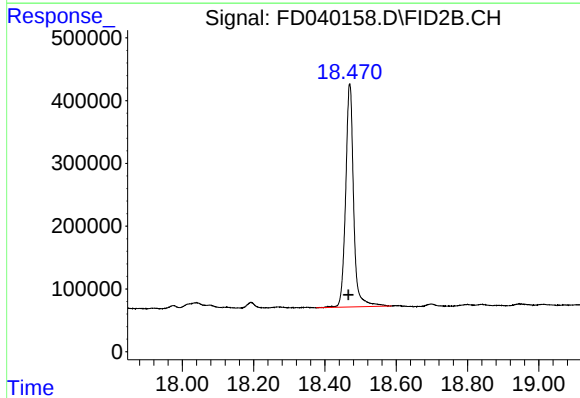
#17 n-Tricontane (C30)

R.T.: 16.863 min
Delta R.T.: 0.008 min
Response: 6453825
Conc: 53.74 ug/ml



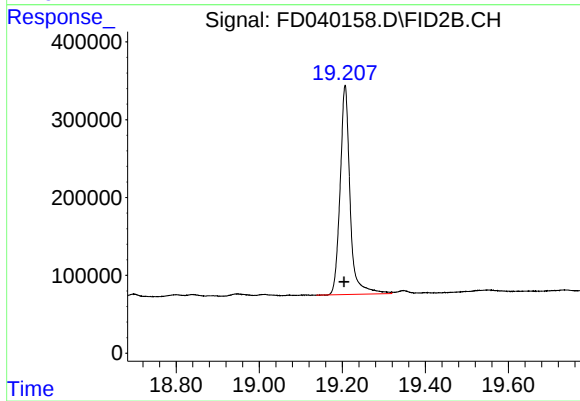
#18 n-Dotriacontane (C32)

R.T.: 17.691 min
Delta R.T.: 0.006 min
Response: 6197690
Conc: 54.99 ug/ml



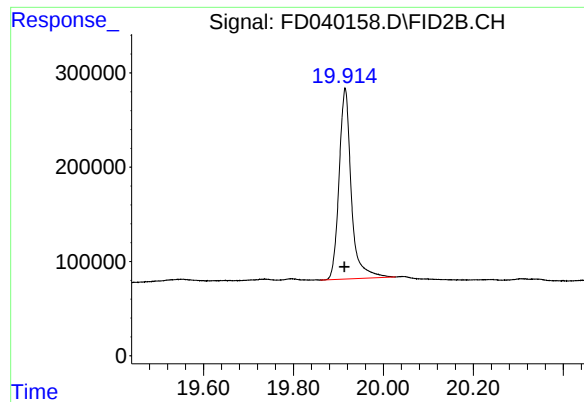
#19 n-Tetratriacontane (C34)

R.T.: 18.470 min
Delta R.T.: 0.004 min
Response: 5529253
Conc: 50.58 ug/ml



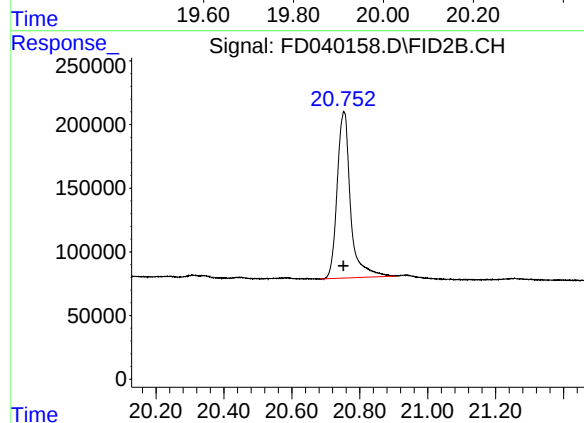
#20 n-Hexatriacontane (C36)

R.T.: 19.207 min
Delta R.T.: 0.003 min
Response: 4465124
Conc: 43.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.915 min
Delta R.T.: 0.002 min
Response: 3800797
Conc: 39.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.752 min
Delta R.T.: 0.000 min
Response: 3569048
Conc: 45.91 ug/ml m