

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121420AL\
 Data File : FD035779.D
 Signal(s) : FID2B.CH
 Acq On : 14 Dec 2020 15:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 15 03:09:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 05:38:14 2020
 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)	11.497	2683145	19.212 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	12.929	2121890	18.925 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
Target Compounds			
1) T n-Nonane (C9)	3.294	2481477	20.729 ug/ml
2) T n-Decane (C10)	4.355	2535445	21.015 ug/ml
3) T A~Naphthalene (C11.7)	5.934	2689787	20.680 ug/ml
4) T n-Dodecane (C12)	6.364	2616057	21.028 ug/ml
5) T A~2-methylnaphthalene...	6.986	2727295	20.522 ug/ml
6) T n-Tetradecane (C14)	8.152	2613347	20.850 ug/ml
7) T n-Hexadecane (C16)	9.746	2561983	20.639 ug/ml
8) T n-Octadecane (C18)	11.182	2632488	20.140 ug/ml
10) T n-Eicosane (C20)	12.485	2589209	19.533 ug/ml
11) T n-Heneicosane (C21)	13.095	2536379	19.177 ug/ml
13) T n-Docosane (C22)	13.679	2504028	18.951 ug/ml
14) T n-Tetracosane (C24)	14.777	2453107	18.689 ug/ml
15) T n-Hexacosane (C26)	15.792	2348556	18.374 ug/ml
16) T n-Octacosane (C28)	16.738	2300595	18.534 ug/ml
17) T n-Tricontane (C30)	17.620	2318531	19.704 ug/ml
18) T n-Dotriacontane (C32)	18.449	2168028	20.540 ug/ml
19) T n-Tetratriacontane (C34)	19.228	2151386	22.461 ug/ml
20) T n-Hexatriacontane (C36)	19.963	2190261	24.693 ug/ml
21) T n-Octatriacontane (C38)	20.678	1903750	22.825 ug/ml
22) T n-Tetracontane (C40)	21.543	1984753	23.574 ug/ml

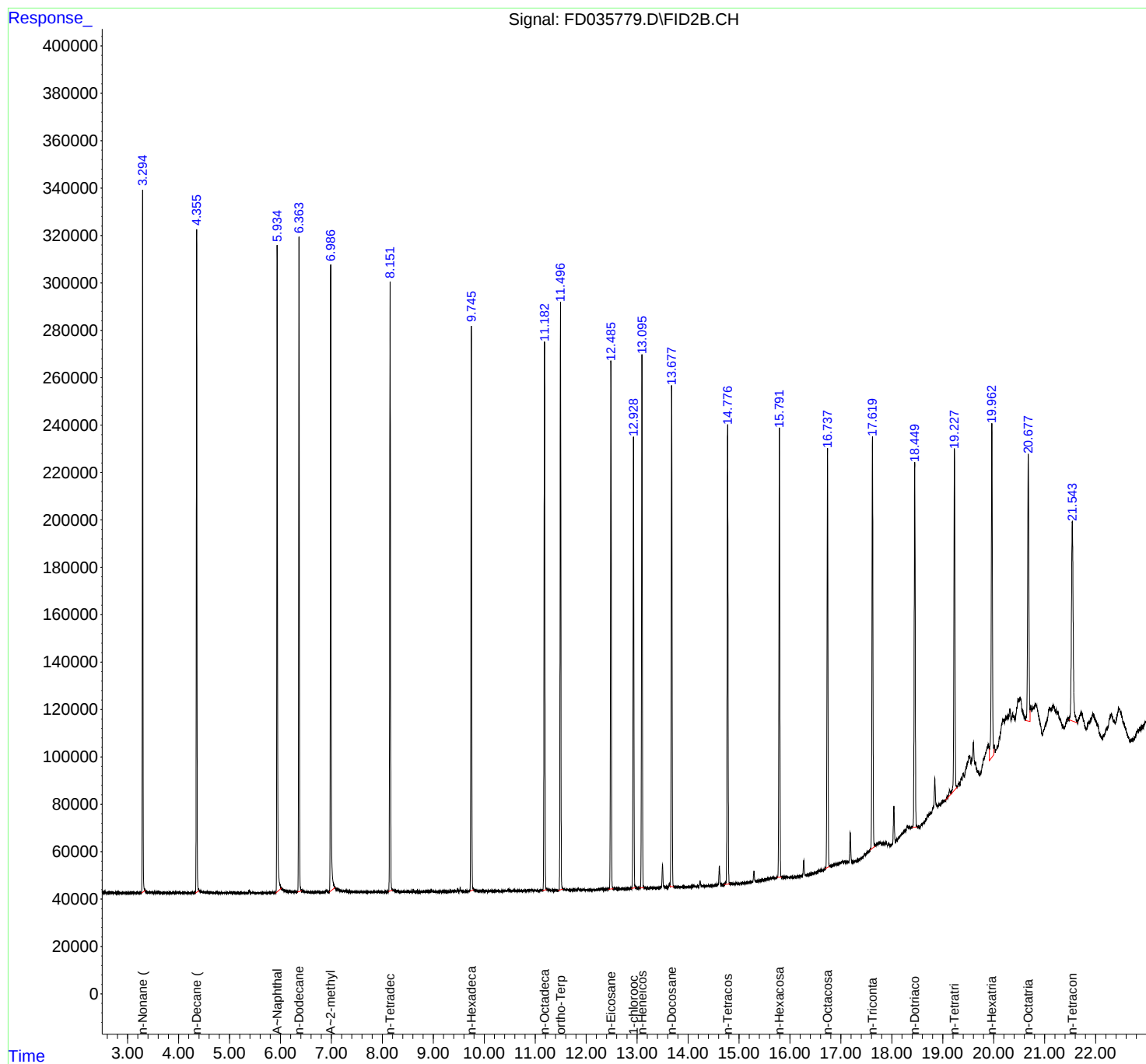
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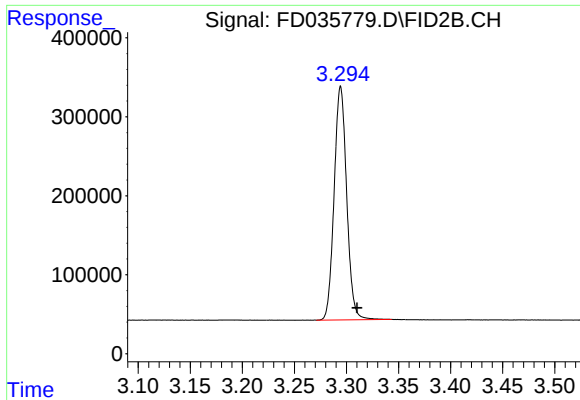
(m)=manual int.

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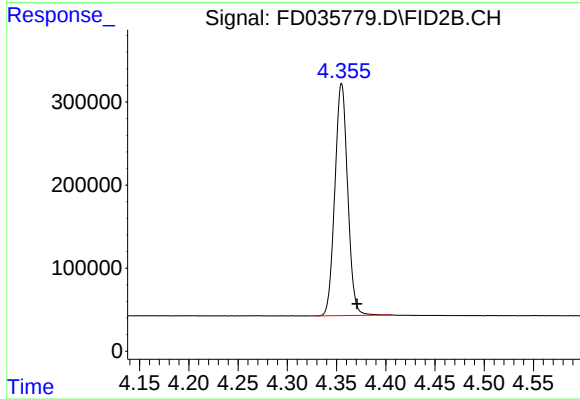
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Signal Info : 20M x 0.18mm x 0.18um





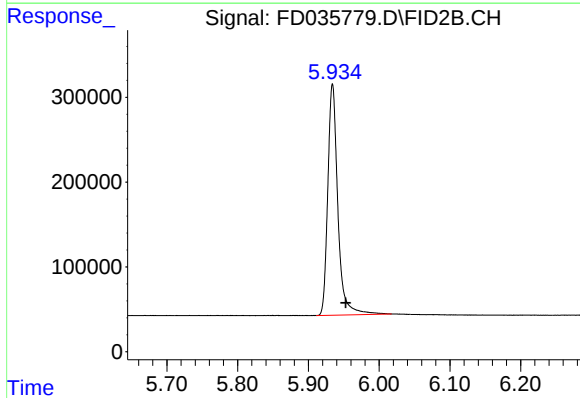
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: -0.016 min
Response: 2481477
Conc: 20.73 ug/ml



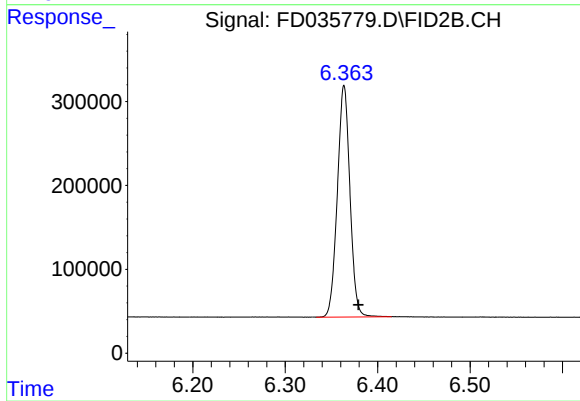
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.016 min
Response: 2535445
Conc: 21.01 ug/ml



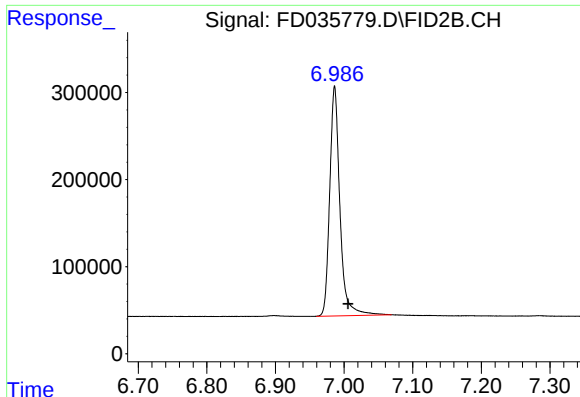
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.019 min
Response: 2689787
Conc: 20.68 ug/ml



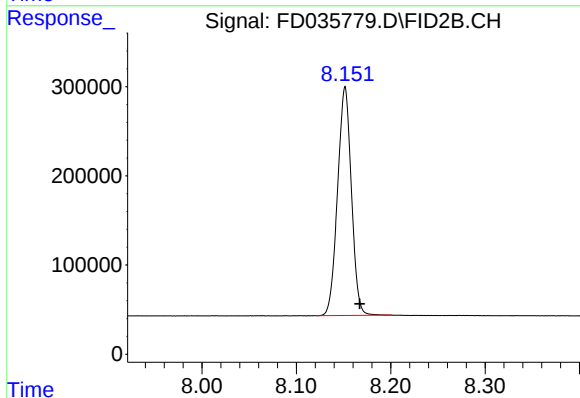
#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: -0.016 min
Response: 2616057
Conc: 21.03 ug/ml



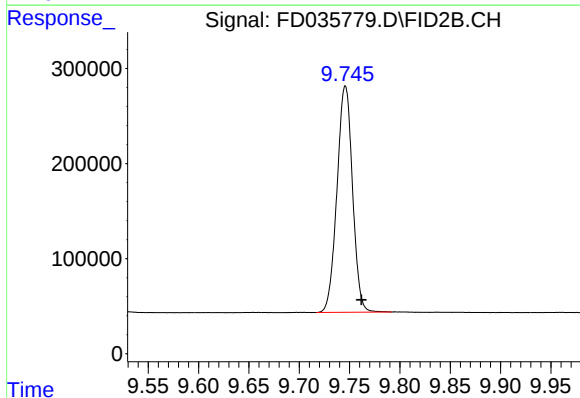
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.019 min
Response: 2727295
Conc: 20.52 ug/ml



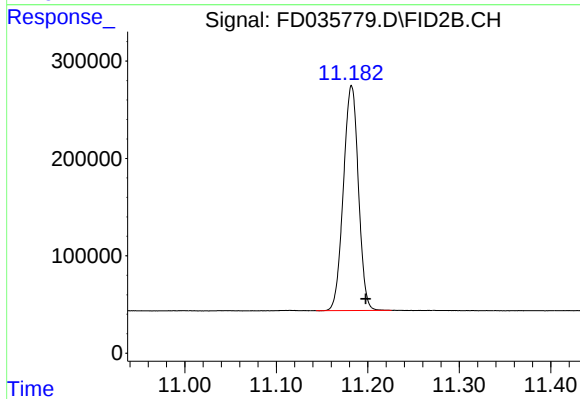
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: -0.015 min
Response: 2613347
Conc: 20.85 ug/ml



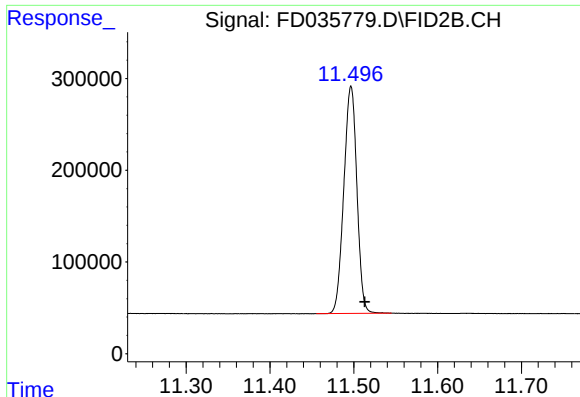
#7 n-Hexadecane (C16)

R.T.: 9.746 min
Delta R.T.: -0.016 min
Response: 2561983
Conc: 20.64 ug/ml



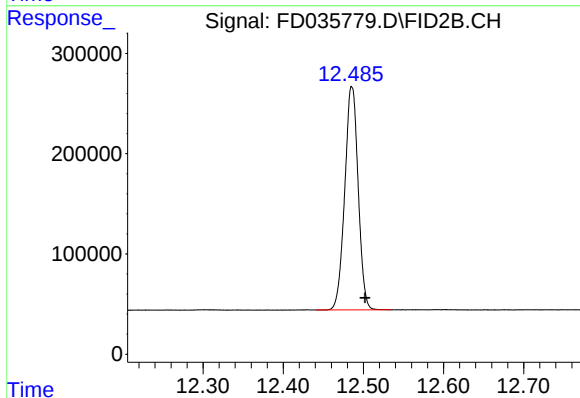
#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: -0.016 min
Response: 2632488
Conc: 20.14 ug/ml



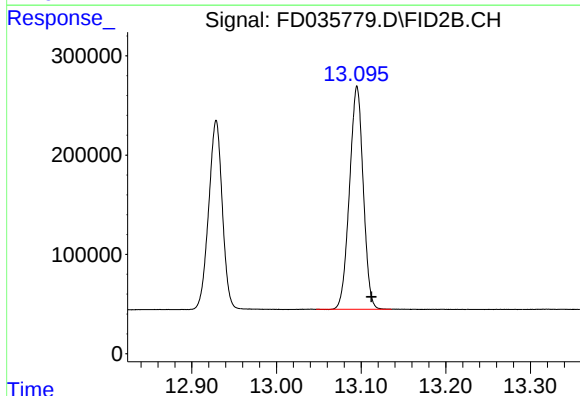
#9 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: -0.016 min
Response: 2683145
Conc: 19.21 ug/ml



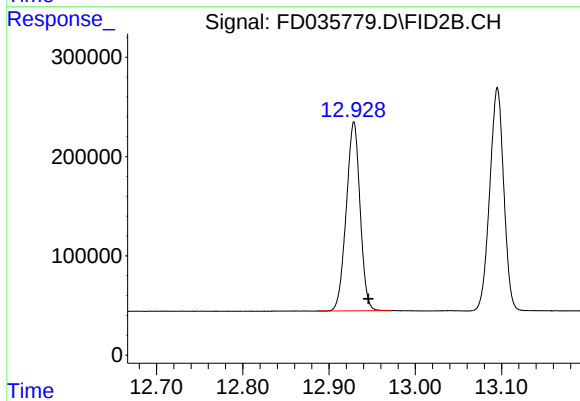
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: -0.016 min
Response: 2589209
Conc: 19.53 ug/ml



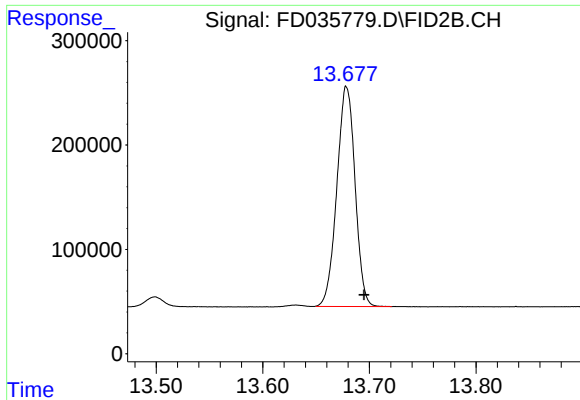
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: -0.017 min
Response: 2536379
Conc: 19.18 ug/ml



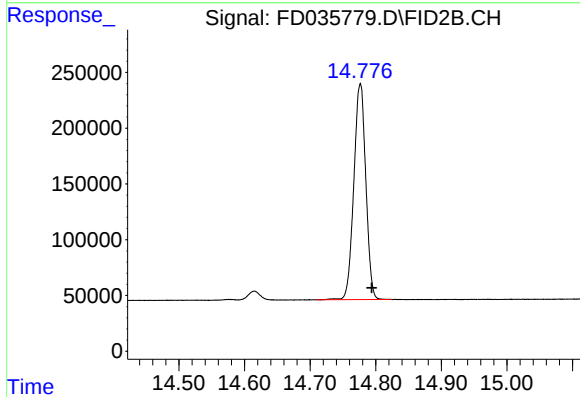
#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: -0.017 min
Response: 2121890
Conc: 18.93 ug/ml



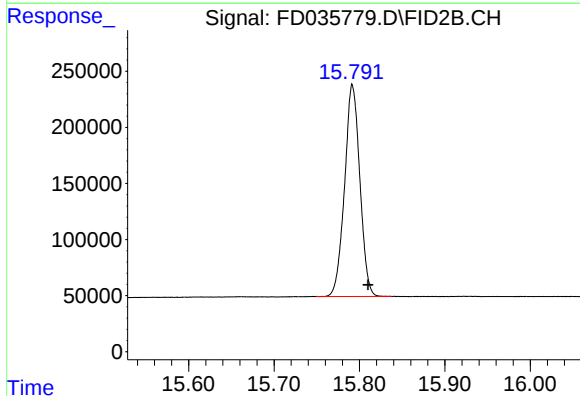
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: -0.016 min
Response: 2504028
Conc: 18.95 ug/ml



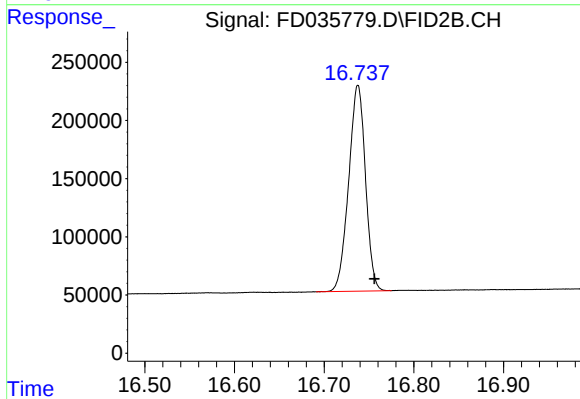
#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: -0.017 min
Response: 2453107
Conc: 18.69 ug/ml



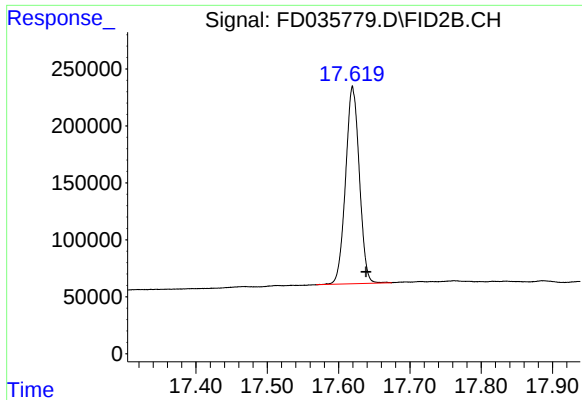
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: -0.018 min
Response: 2348556
Conc: 18.37 ug/ml



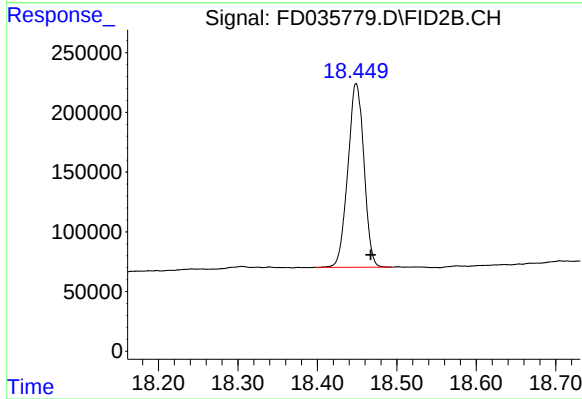
#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: -0.018 min
Response: 2300595
Conc: 18.53 ug/ml



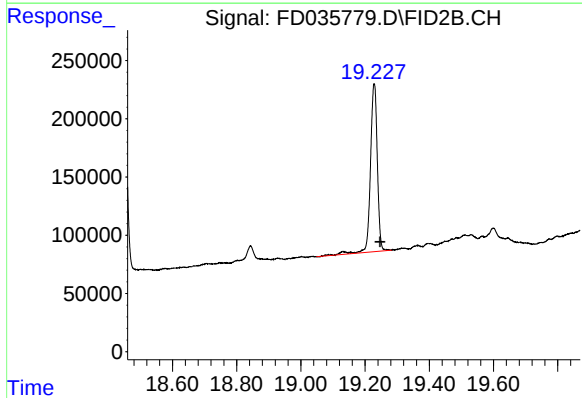
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: -0.019 min
Response: 2318531
Conc: 19.70 ug/ml



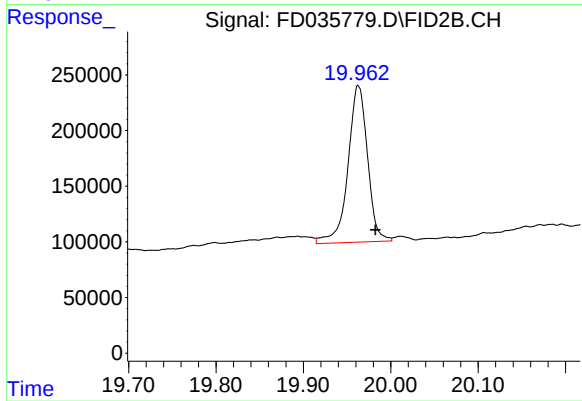
#18 n-Dotriacontane (C32)

R.T.: 18.449 min
Delta R.T.: -0.019 min
Response: 2168028
Conc: 20.54 ug/ml



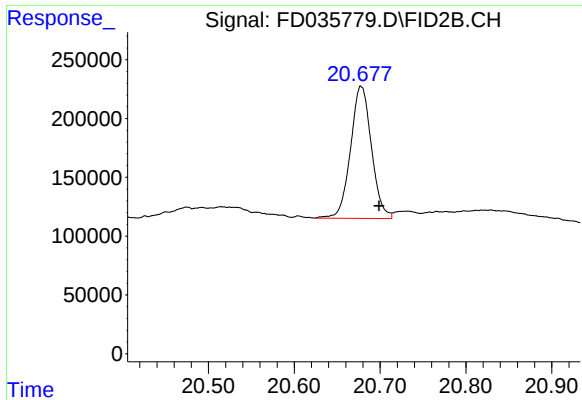
#19 n-Tetratriacontane (C34)

R.T.: 19.228 min
Delta R.T.: -0.018 min
Response: 2151386
Conc: 22.46 ug/ml



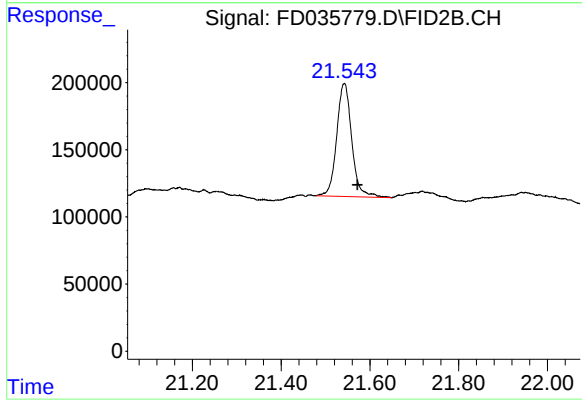
#20 n-Hexatriacontane (C36)

R.T.: 19.963 min
Delta R.T.: -0.020 min
Response: 2190261
Conc: 24.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: -0.021 min
Response: 1903750
Conc: 22.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.543 min
Delta R.T.: -0.030 min
Response: 1984753
Conc: 23.57 ug/ml