

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100521AL\
 Data File : FD039029.D
 Signal(s) : FID2B.CH
 Acq On : 06 Oct 2021 4:22
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 06 04:57:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.678	2639757	18.599 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	13.103	2062672	18.343 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
Target Compounds			
1) T n-Nonane (C9)	3.438	2497441	19.799 ug/ml
2) T n-Decane (C10)	4.508	2537182	19.879 ug/ml
3) T A~Naphthalene (C11.7)	6.100	2804969	19.698 ug/ml
4) T n-Dodecane (C12)	6.524	2527598	19.736 ug/ml
5) T A~2-methylnaphthalene...	7.156	2807182	19.609 ug/ml
6) T n-Tetradecane (C14)	8.317	2531847	19.511 ug/ml
7) T n-Hexadecane (C16)	9.914	2508834	19.236 ug/ml
8) T n-Octadecane (C18)	11.353	2526087	18.887 ug/ml
10) T n-Eicosane (C20)	12.658	2462258	18.566 ug/ml
11) T n-Heneicosane (C21)	13.269	2455801	18.340 ug/ml
13) T n-Docosane (C22)	13.853	2447956	18.455 ug/ml
14) T n-Tetracosane (C24)	14.951	2402994	18.136 ug/ml
15) T n-Hexacosane (C26)	15.968	2333712	18.131 ug/ml
16) T n-Octacosane (C28)	16.913	2277450	18.062 ug/ml
17) T n-Tricontane (C30)	17.797	2237048	18.341 ug/ml
18) T n-Dotriacontane (C32)	18.626	2148991	18.536 ug/ml
19) T n-Tetratriacontane (C34)	19.407	2072890	19.203 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1965649	20.088 ug/ml
21) T n-Octatriacontane (C38)	20.883	1903390	21.202 ug/ml
22) T n-Tetracontane (C40)	21.811	1936278	21.980 ug/ml

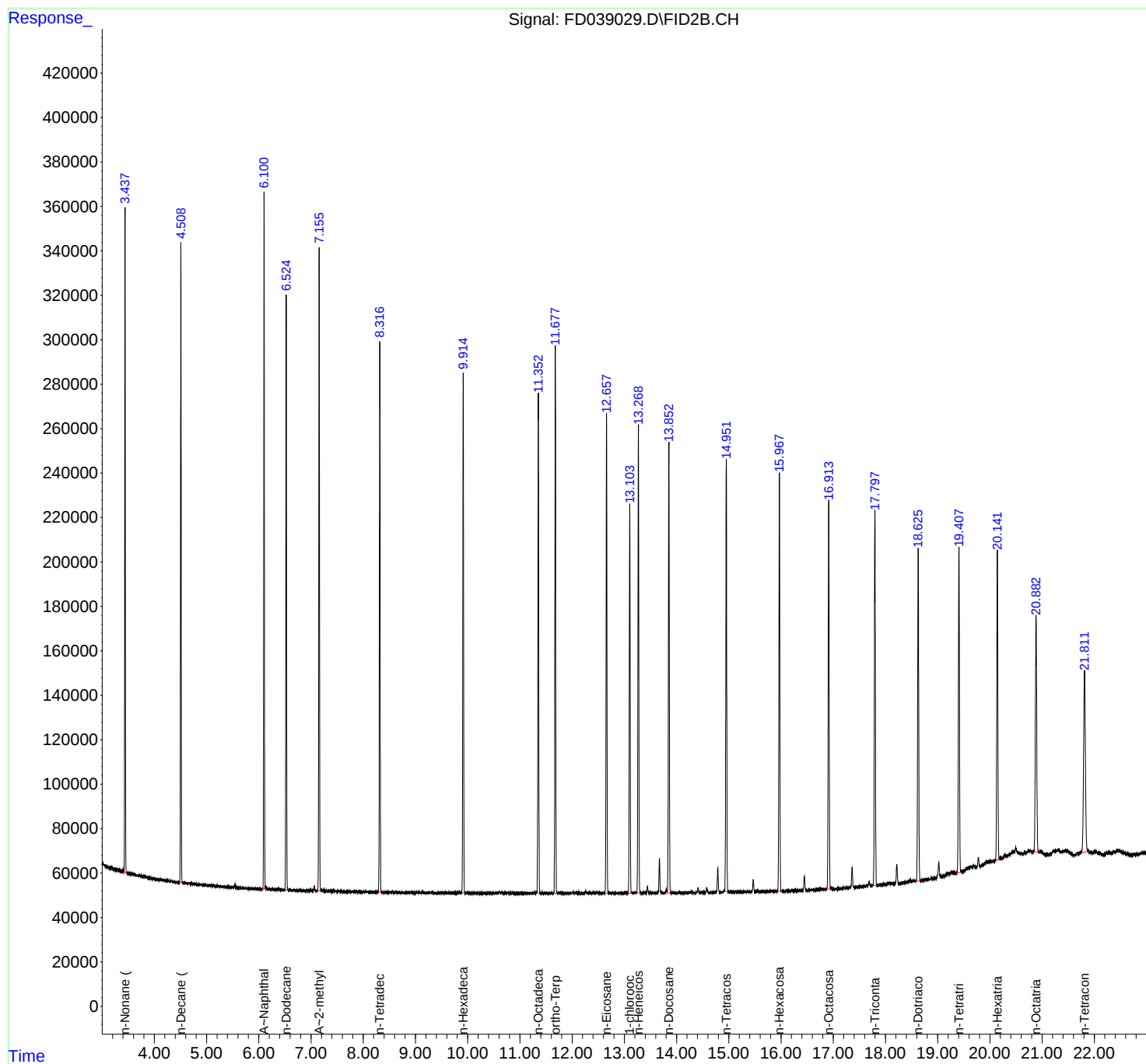
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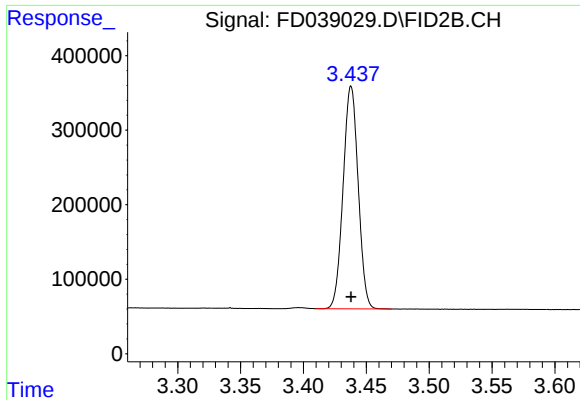
(m)=manual int.

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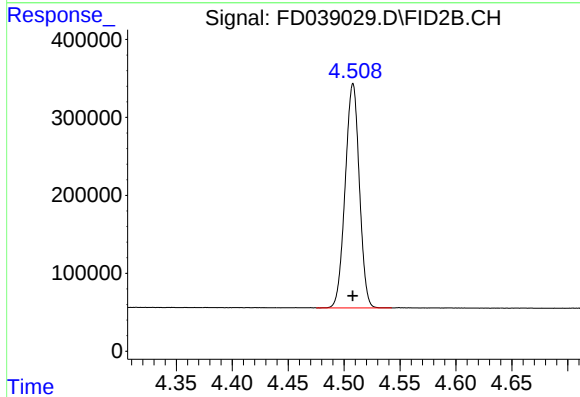
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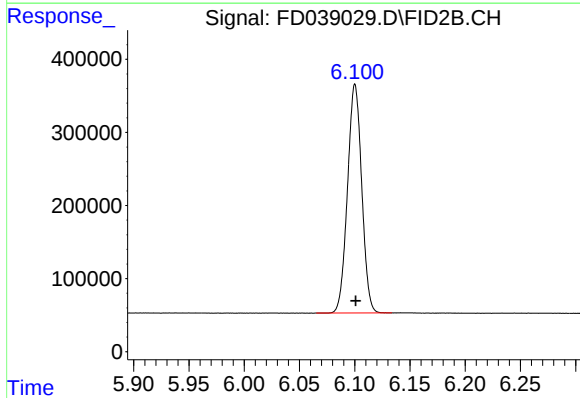
#1 n-Nonane (C9)

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 2497441
Conc: 19.80 ug/ml



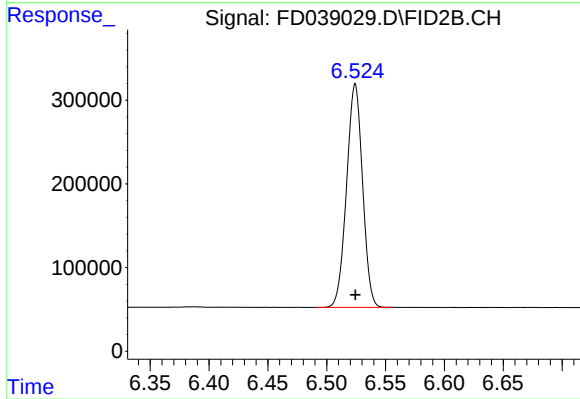
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 2537182
Conc: 19.88 ug/ml



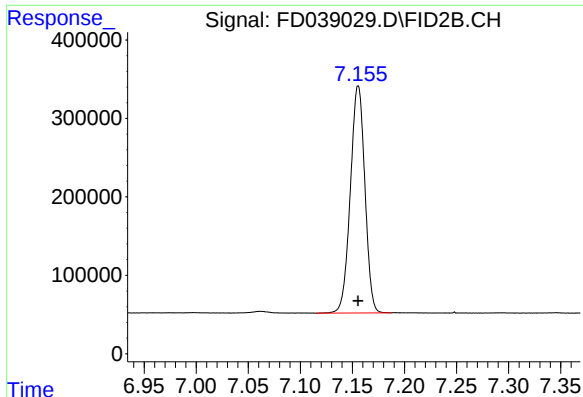
#3 A~Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 2804969
Conc: 19.70 ug/ml



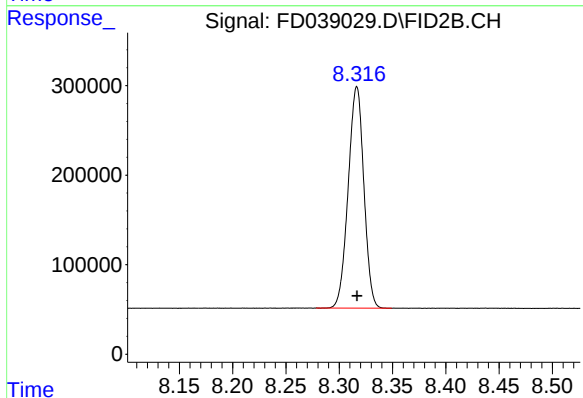
#4 n-Dodecane (C12)

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 2527598
Conc: 19.74 ug/ml



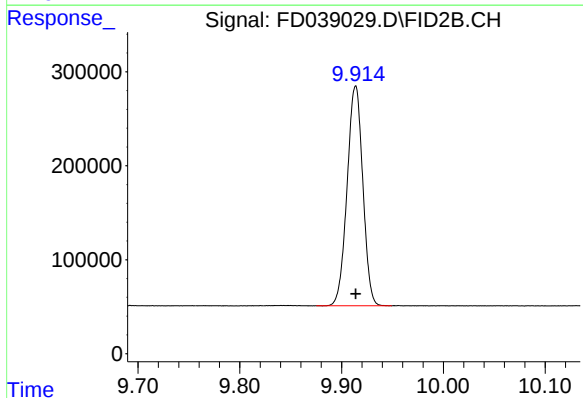
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 2807182
Conc: 19.61 ug/ml



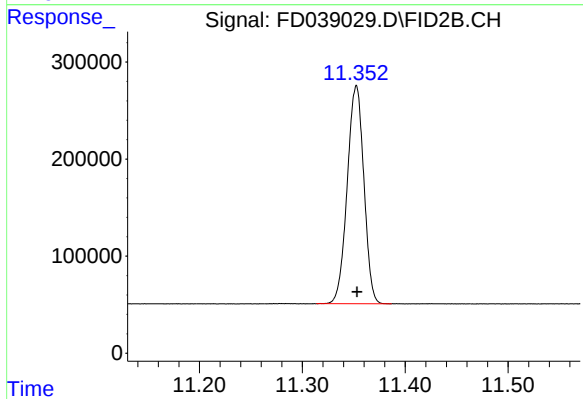
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 2531847
Conc: 19.51 ug/ml



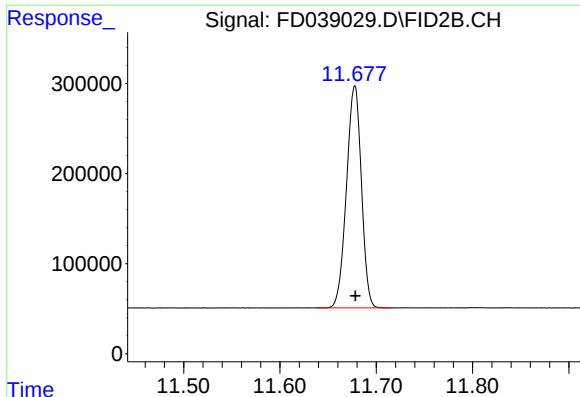
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2508834
Conc: 19.24 ug/ml



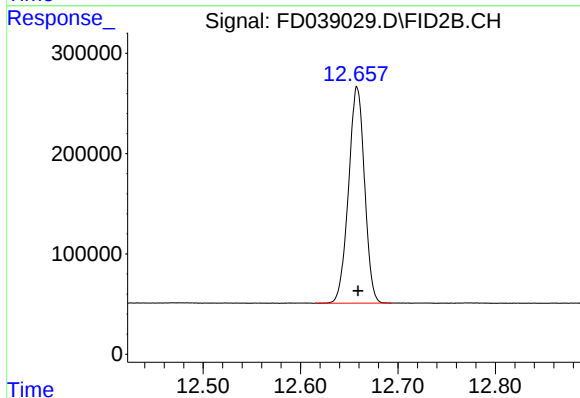
#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: 0.000 min
Response: 2526087
Conc: 18.89 ug/ml



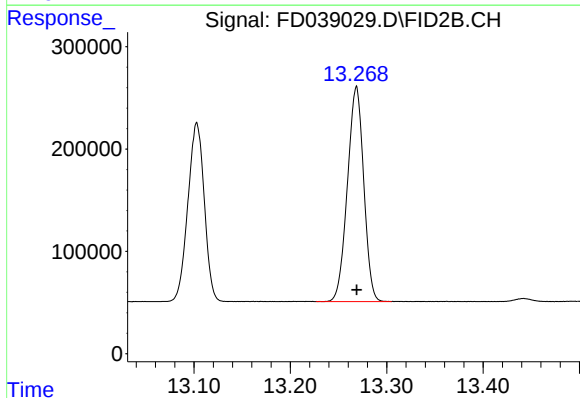
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 2639757
Conc: 18.60 ug/ml



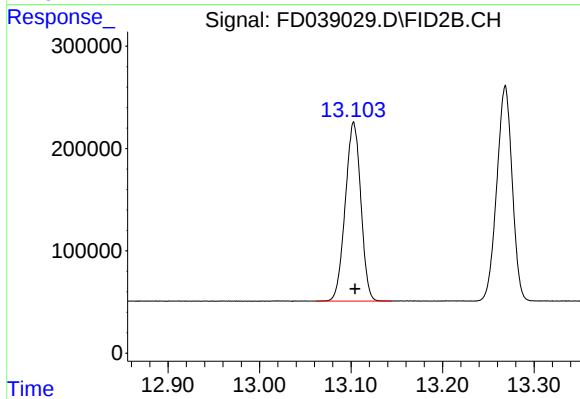
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: -0.001 min
Response: 2462258
Conc: 18.57 ug/ml



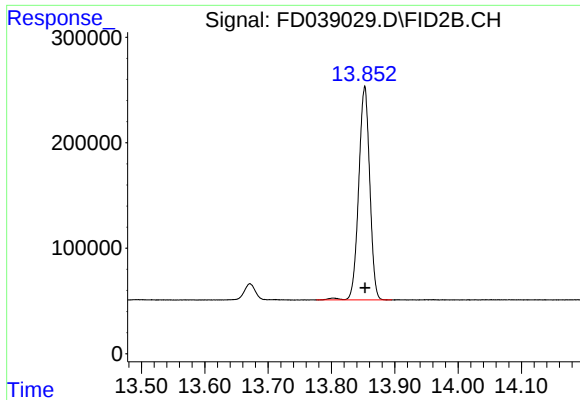
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 2455801
Conc: 18.34 ug/ml



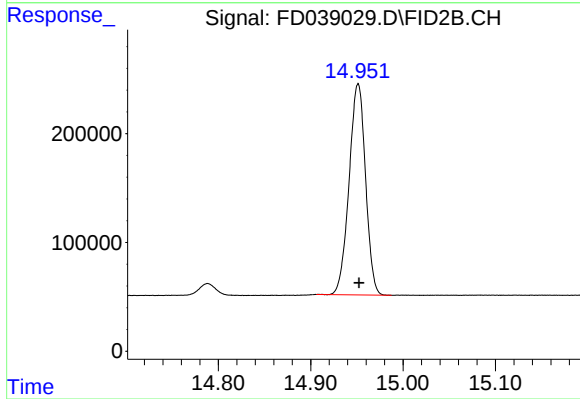
#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: -0.002 min
Response: 2062672
Conc: 18.34 ug/ml



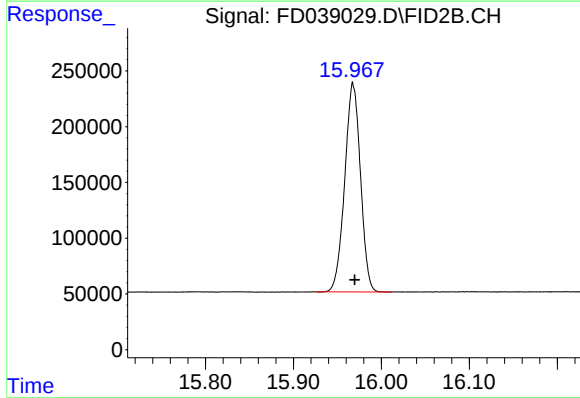
#13 n-Docosane (C22)

R.T.: 13.853 min
Delta R.T.: 0.000 min
Response: 2447956
Conc: 18.45 ug/ml



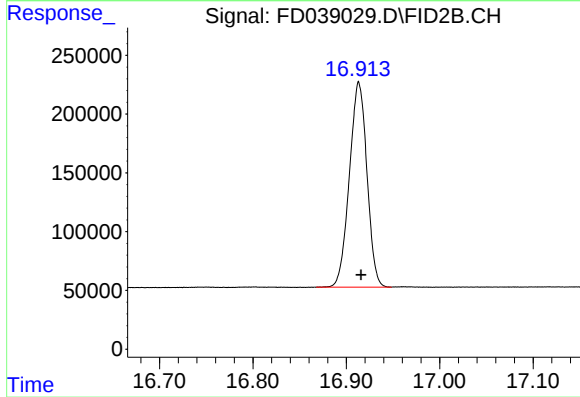
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 2402994
Conc: 18.14 ug/ml



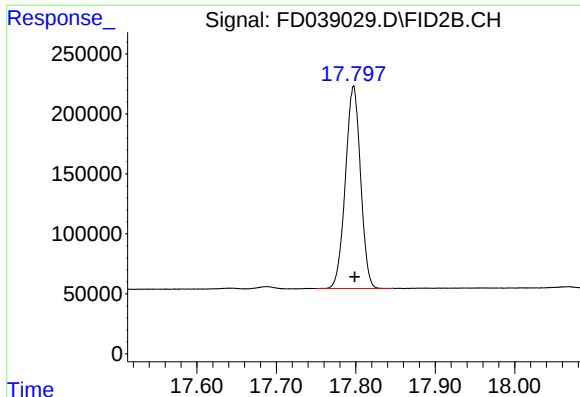
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: -0.002 min
Response: 2333712
Conc: 18.13 ug/ml



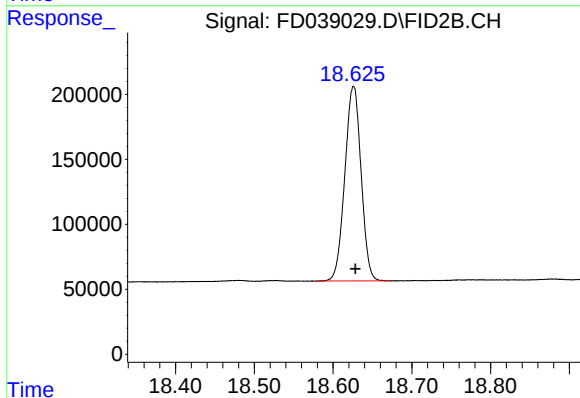
#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.002 min
Response: 2277450
Conc: 18.06 ug/ml



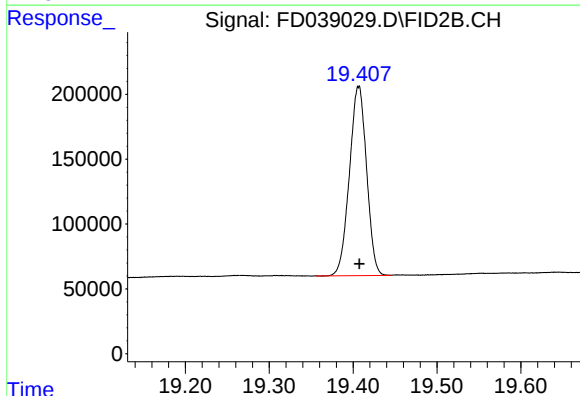
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: -0.001 min
Response: 2237048
Conc: 18.34 ug/ml



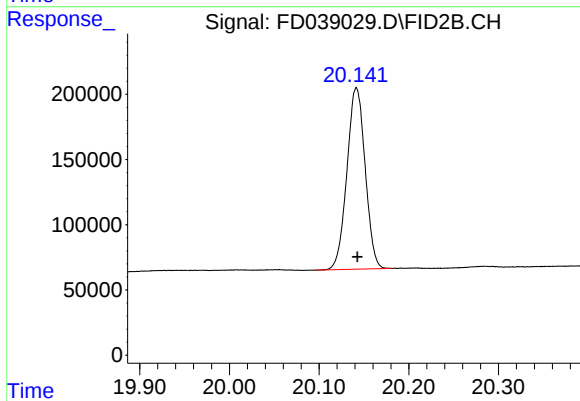
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: -0.002 min
Response: 2148991
Conc: 18.54 ug/ml



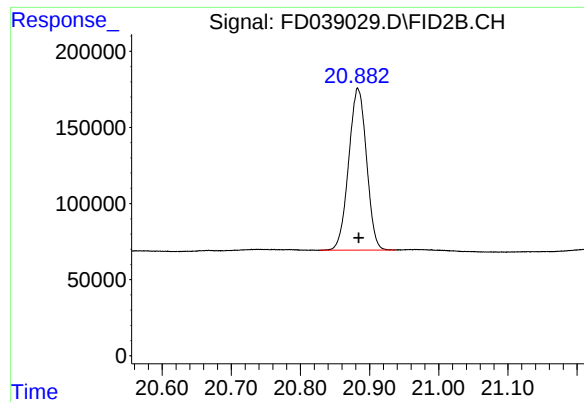
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min
Delta R.T.: 0.000 min
Response: 2072890
Conc: 19.20 ug/ml



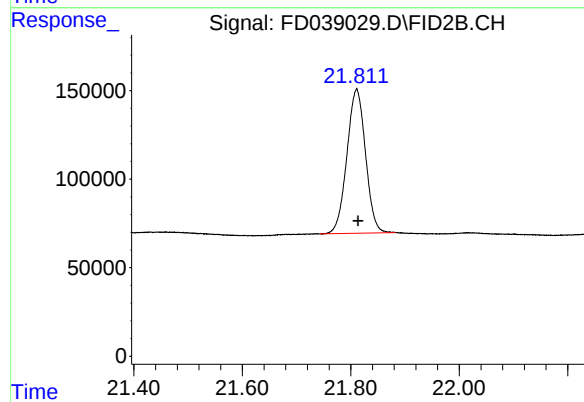
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min
Delta R.T.: -0.001 min
Response: 1965649
Conc: 20.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: -0.001 min
Response: 1903390
Conc: 21.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.811 min
Delta R.T.: -0.003 min
Response: 1936278
Conc: 21.98 ug/ml