

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080621AL\
 Data File : FD038425.D
 Signal(s) : FID2B.CH
 Acq On : 06 Aug 2021 10:53
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 09 04:00:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.368	2821137	20.667 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
12) S 1-chlorooctadecane (S...	12.805	2193508	20.398 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
Target Compounds			
1) T n-Nonane (C9)	3.194	2490216	21.211 ug/ml
2) T n-Decane (C10)	4.247	2527263	21.435 ug/ml
3) T A~Naphthalene (C11.7)	5.812	2816970	21.580 ug/ml
4) T n-Dodecane (C12)	6.250	2559520	21.555 ug/ml
5) T A~2-methylnaphthalene...	6.862	2861254	21.865 ug/ml
6) T n-Tetradecane (C14)	8.035	2609890	21.474 ug/ml
7) T n-Hexadecane (C16)	9.627	2618625	21.426 ug/ml
8) T n-Octadecane (C18)	11.062	2677496	21.266 ug/ml
10) T n-Eicosane (C20)	12.365	2618273	20.771 ug/ml
11) T n-Heneicosane (C21)	12.973	2618270	20.511 ug/ml
13) T n-Docosane (C22)	13.557	2598279	20.410 ug/ml
14) T n-Tetracosane (C24)	14.655	2594912	20.173 ug/ml
15) T n-Hexacosane (C26)	15.671	2464529	19.353 ug/ml
16) T n-Octacosane (C28)	16.615	2385140	18.695 ug/ml
17) T n-Tricontane (C30)	17.499	2301761	18.167 ug/ml
18) T n-Dotriacontane (C32)	18.327	2187943	17.806 ug/ml
19) T n-Tetratriacontane (C34)	19.106	2103014	17.621 ug/mlm
20) T n-Hexatriacontane (C36)	19.844	2025614	18.175 ug/mlm
21) T n-Octatriacontane (C38)	20.544	1948438	18.848 ug/mlm
22) T n-Tetracontane (C40)	21.356	2009013	20.016 ug/ml

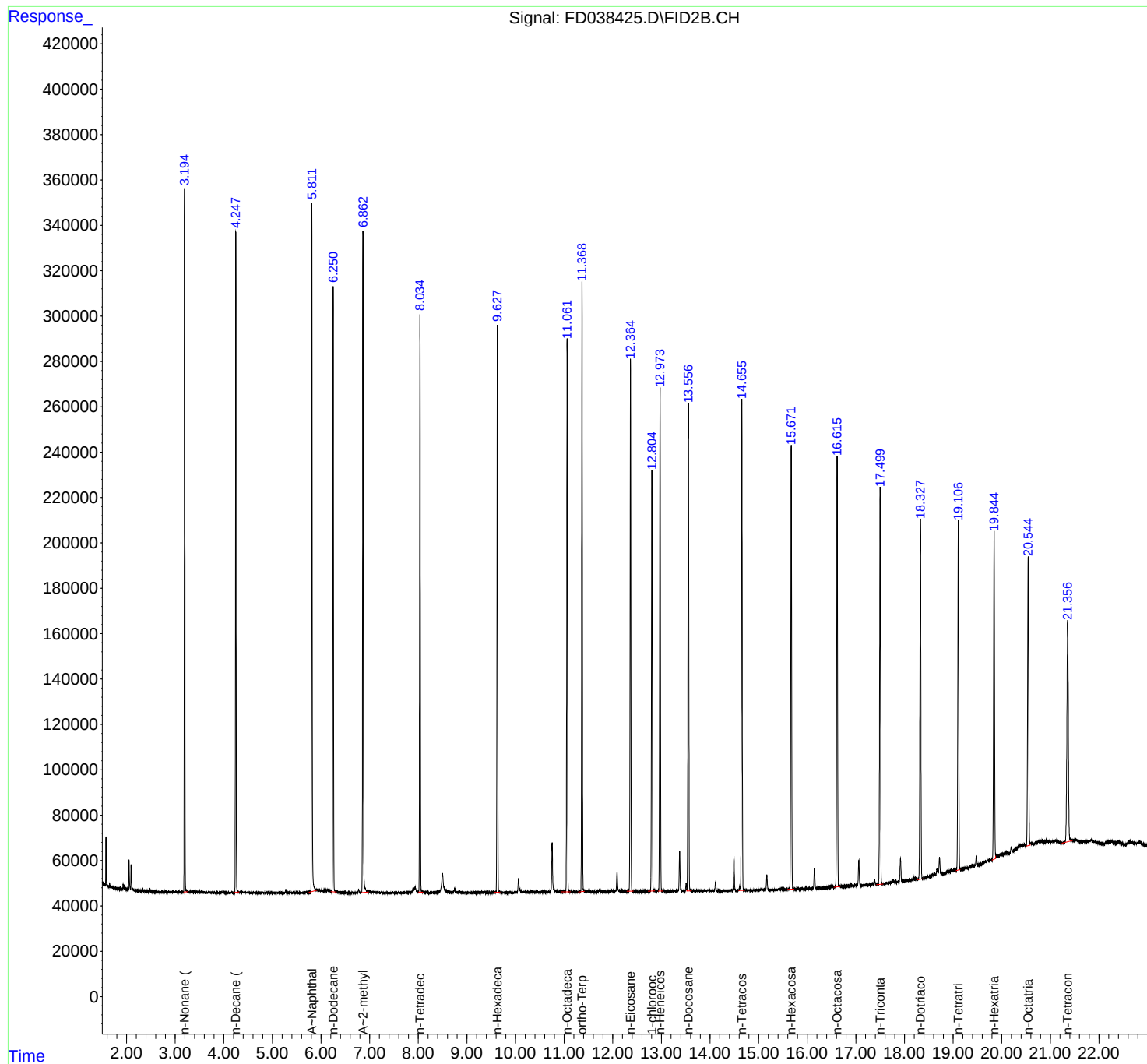
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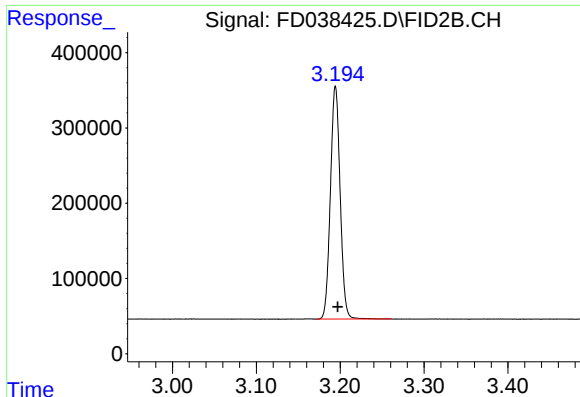
(m)=manual int.

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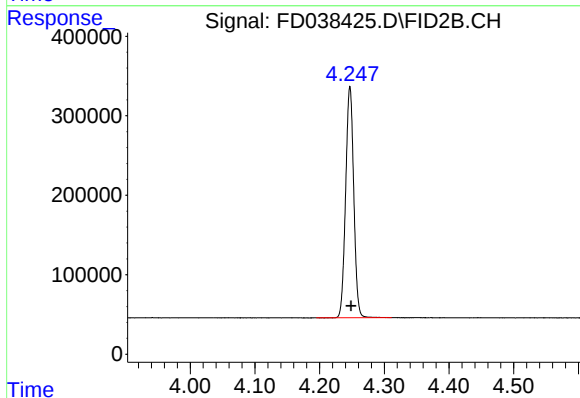
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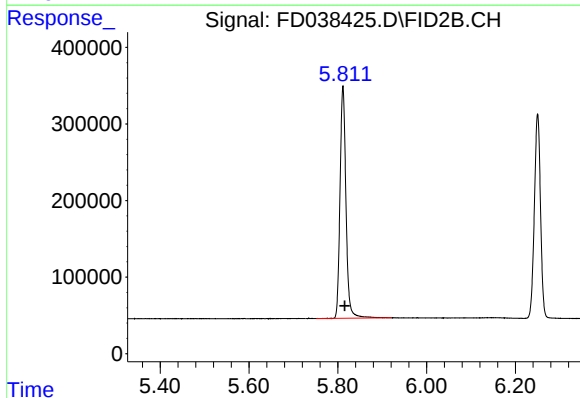
#1 n-Nonane (C9)

R.T.: 3.194 min
Delta R.T.: -0.003 min
Response: 2490216
Conc: 21.21 ug/ml



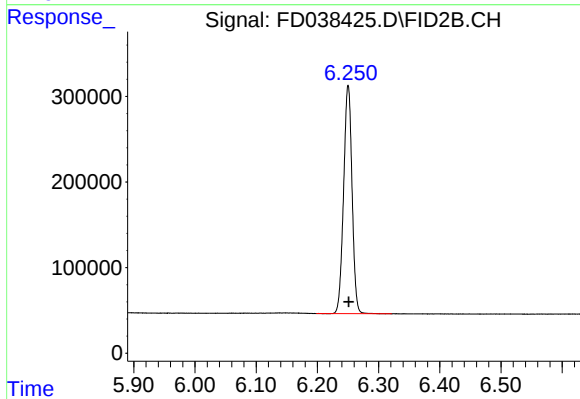
#2 n-Decane (C10)

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 2527263
Conc: 21.44 ug/ml



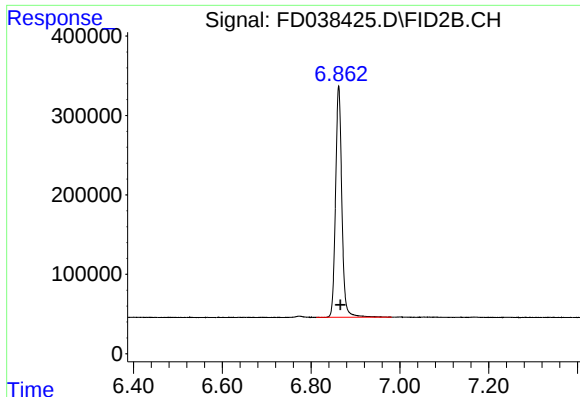
#3 A~Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 2816970
Conc: 21.58 ug/ml



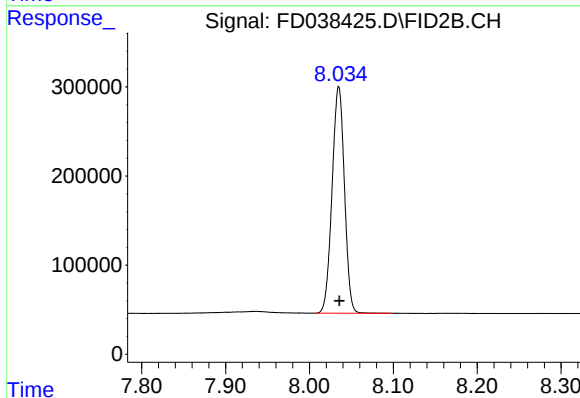
#4 n-Dodecane (C12)

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 2559520
Conc: 21.56 ug/ml



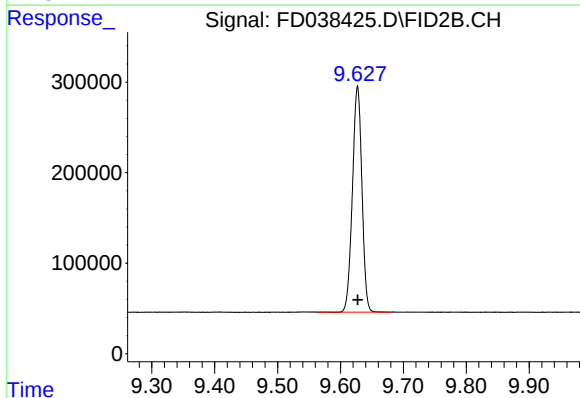
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.004 min
Response: 2861254
Conc: 21.87 ug/ml



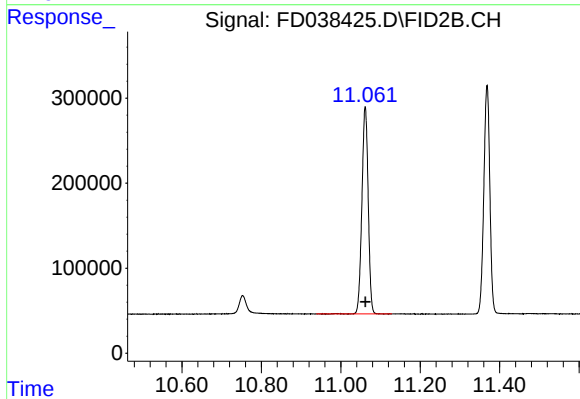
#6 n-Tetradecane (C14)

R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 2609890
Conc: 21.47 ug/ml



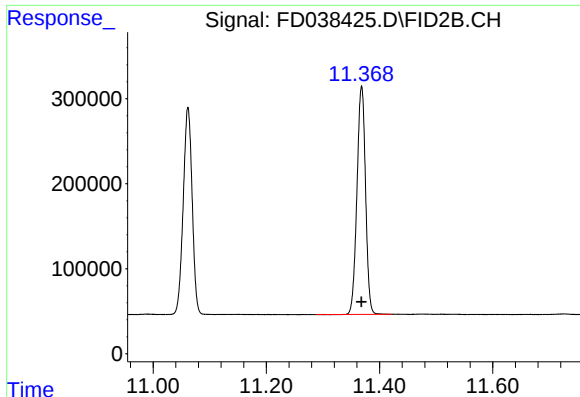
#7 n-Hexadecane (C16)

R.T.: 9.627 min
Delta R.T.: 0.000 min
Response: 2618625
Conc: 21.43 ug/ml



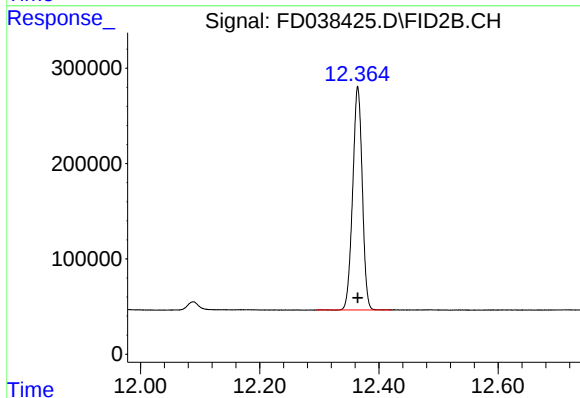
#8 n-Octadecane (C18)

R.T.: 11.062 min
Delta R.T.: 0.000 min
Response: 2677496
Conc: 21.27 ug/ml



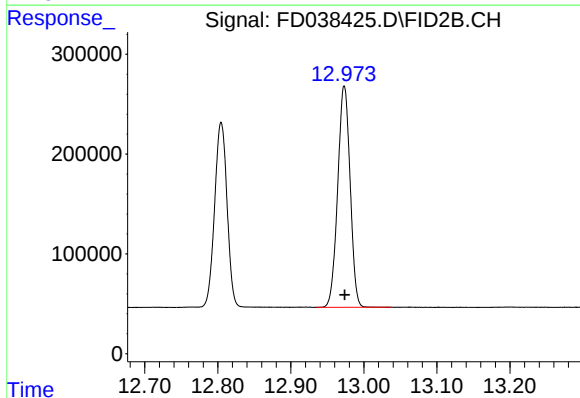
#9 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.000 min
Response: 2821137
Conc: 20.67 ug/ml



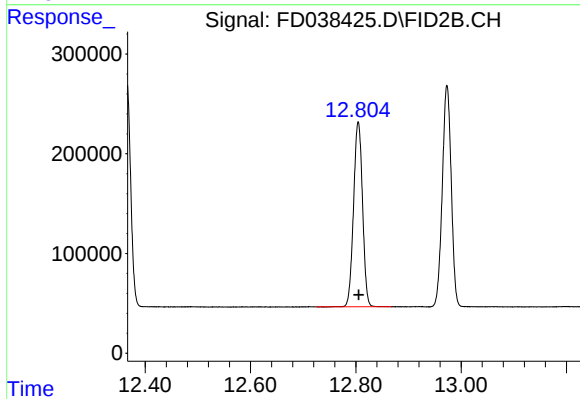
#10 n-Eicosane (C20)

R.T.: 12.365 min
Delta R.T.: 0.000 min
Response: 2618273
Conc: 20.77 ug/ml



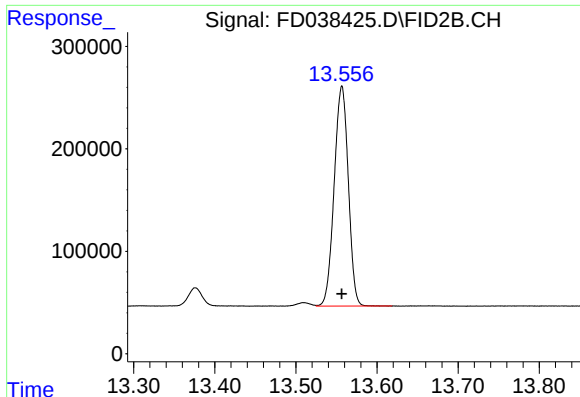
#11 n-Heneicosane (C21)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 2618270
Conc: 20.51 ug/ml



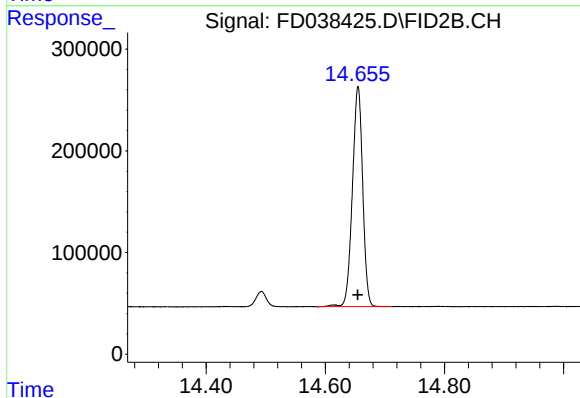
#12 1-chlorooctadecane (SURR)

R.T.: 12.805 min
Delta R.T.: -0.001 min
Response: 2193508
Conc: 20.40 ug/ml



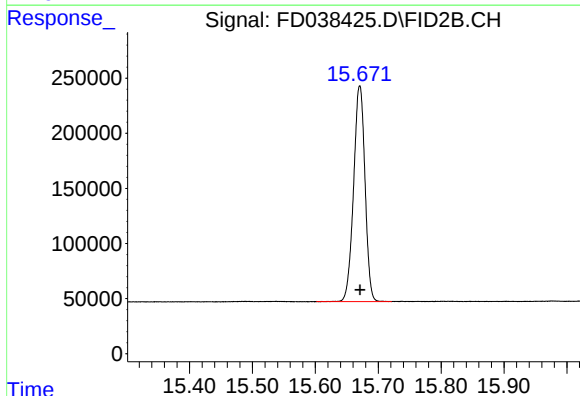
#13 n-Docosane (C22)

R.T.: 13.557 min
Delta R.T.: 0.000 min
Response: 2598279
Conc: 20.41 ug/ml



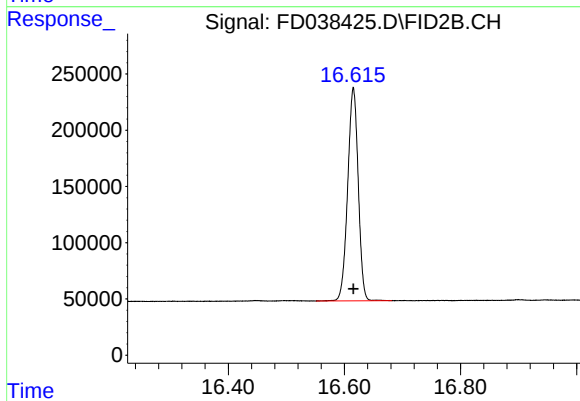
#14 n-Tetracosane (C24)

R.T.: 14.655 min
Delta R.T.: 0.000 min
Response: 2594912
Conc: 20.17 ug/ml



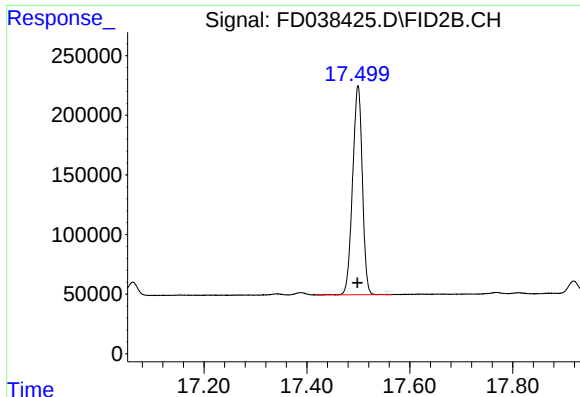
#15 n-Hexacosane (C26)

R.T.: 15.671 min
Delta R.T.: 0.000 min
Response: 2464529
Conc: 19.35 ug/ml



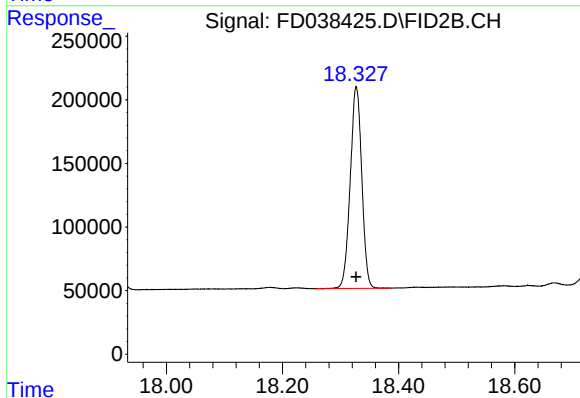
#16 n-Octacosane (C28)

R.T.: 16.615 min
Delta R.T.: 0.000 min
Response: 2385140
Conc: 18.69 ug/ml



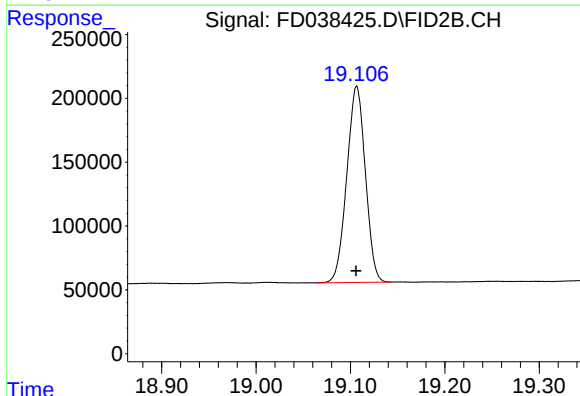
#17 n-Tricontane (C30)

R.T.: 17.499 min
Delta R.T.: 0.000 min
Response: 2301761
Conc: 18.17 ug/ml



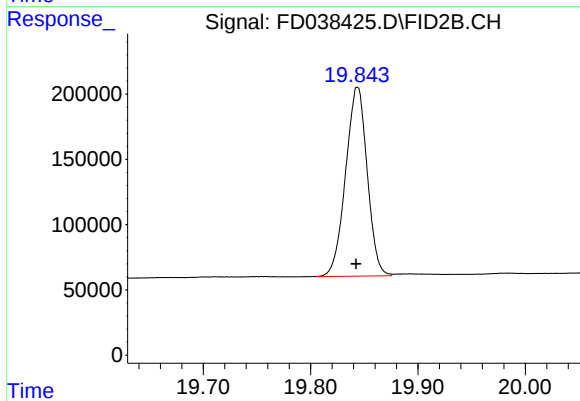
#18 n-Dotriacontane (C32)

R.T.: 18.327 min
Delta R.T.: 0.000 min
Response: 2187943
Conc: 17.81 ug/ml



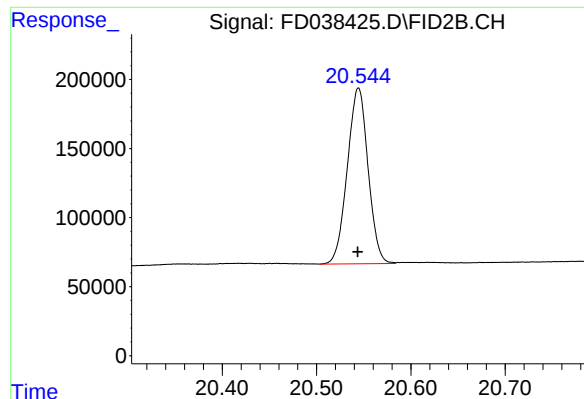
#19 n-Tetratriacontane (C34)

R.T.: 19.106 min
Delta R.T.: 0.000 min
Response: 2103014
Conc: 17.62 ug/ml m



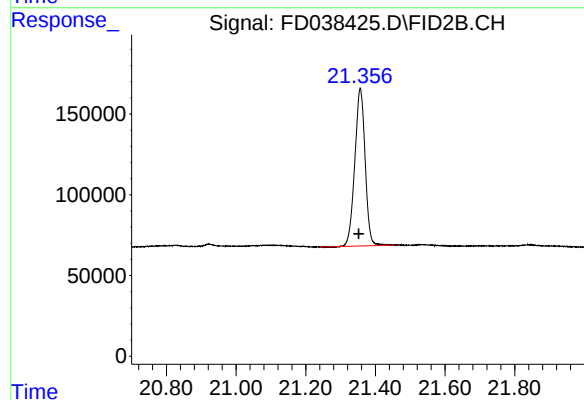
#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: 0.001 min
Response: 2025614
Conc: 18.17 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: 0.000 min
Response: 1948438
Conc: 18.85 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.356 min
Delta R.T.: 0.004 min
Response: 2009013
Conc: 20.02 ug/ml