

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072721AL\
 Data File : FD038355.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jul 2021 10:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 28 03:11:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.403	2823622	19.534 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	12.838	2140162	18.772 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	3.221	2679187	22.048 ug/ml
2) T n-Decane (C10)	4.276	2716091	22.206 ug/ml
3) T A~Naphthalene (C11.7)	5.844	2955840	21.623 ug/ml
4) T n-Dodecane (C12)	6.280	2754060	22.112 ug/ml
5) T A~2-methylnaphthalene...	6.895	2935415	21.311 ug/ml
6) T n-Tetradecane (C14)	8.067	2782110	21.646 ug/ml
7) T n-Hexadecane (C16)	9.659	2751519	21.233 ug/ml
8) T n-Octadecane (C18)	11.094	2750056	20.420 ug/ml
10) T n-Eicosane (C20)	12.396	2633506	19.607 ug/ml
11) T n-Heneicosane (C21)	13.005	2606874	19.188 ug/ml
13) T n-Docosane (C22)	13.589	2551793	18.965 ug/ml
14) T n-Tetracosane (C24)	14.686	2511844	18.602 ug/ml
15) T n-Hexacosane (C26)	15.701	2376585	18.038 ug/ml
16) T n-Octacosane (C28)	16.646	2347637	18.005 ug/ml
17) T n-Tricontane (C30)	17.529	2298688	17.987 ug/ml
18) T n-Dotriacontane (C32)	18.357	2256260	18.337 ug/mlm
19) T n-Tetratriacontane (C34)	19.136	2244621	19.168 ug/ml
20) T n-Hexatriacontane (C36)	19.872	2196305	20.111 ug/ml
21) T n-Octatriacontane (C38)	20.576	2142403	21.271 ug/ml
22) T n-Tetracontane (C40)	21.399	2171887	22.206 ug/ml

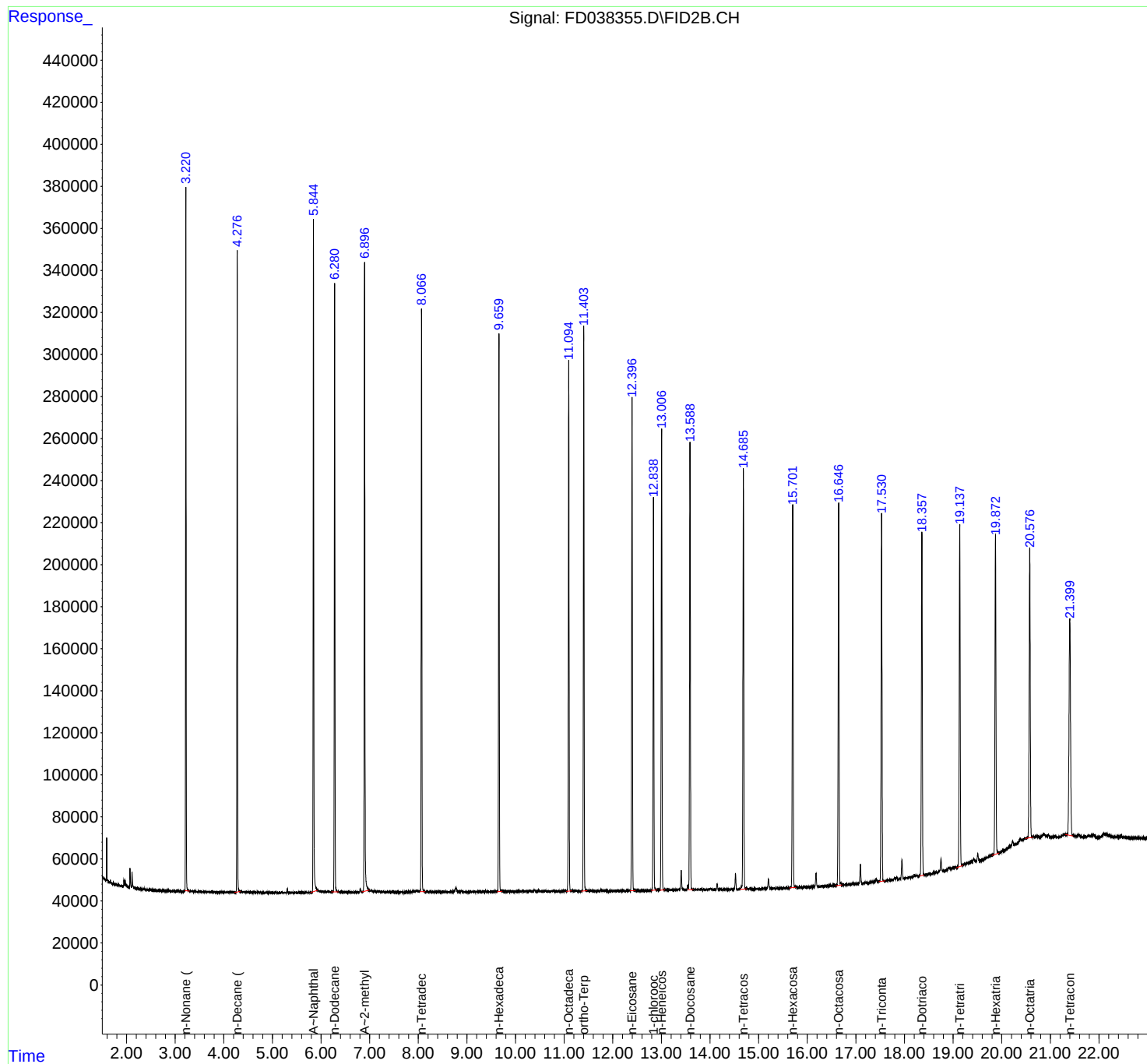
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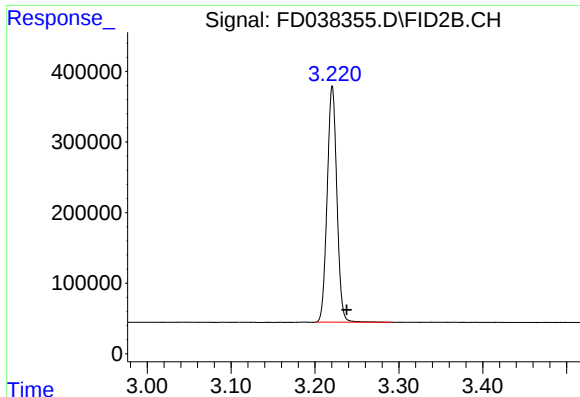
(m)=manual int.

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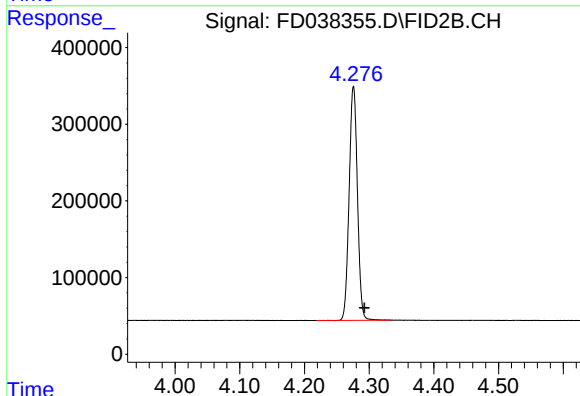
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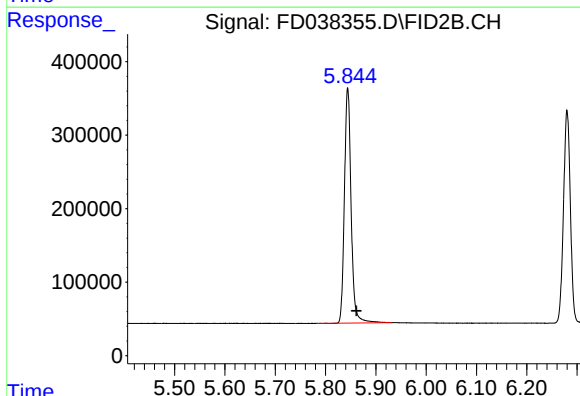
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.017 min
Response: 2679187
Conc: 22.05 ug/ml



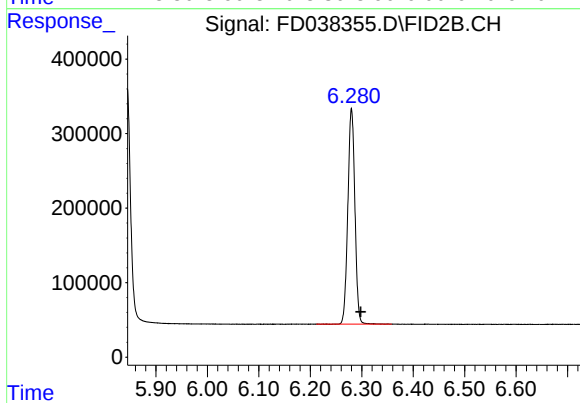
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.017 min
Response: 2716091
Conc: 22.21 ug/ml



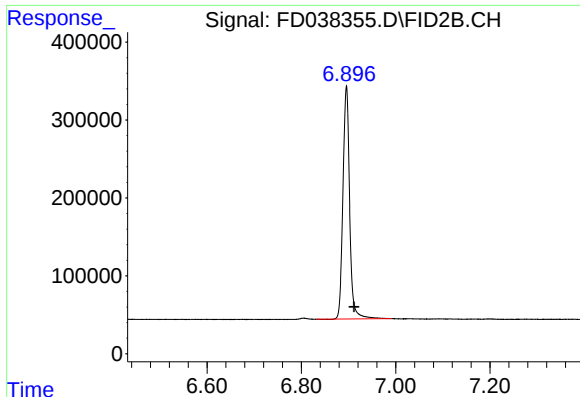
#3 A~Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.017 min
Response: 2955840
Conc: 21.62 ug/ml



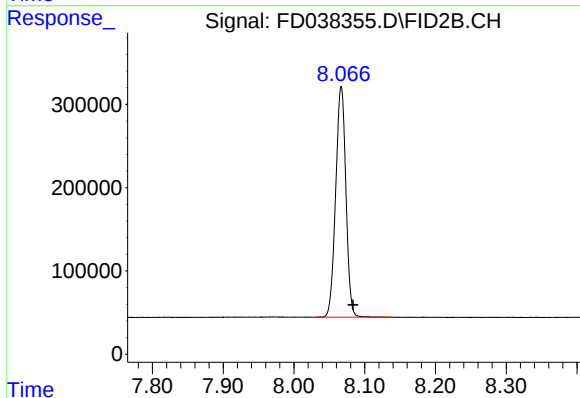
#4 n-Dodecane (C12)

R.T.: 6.280 min
Delta R.T.: -0.018 min
Response: 2754060
Conc: 22.11 ug/ml



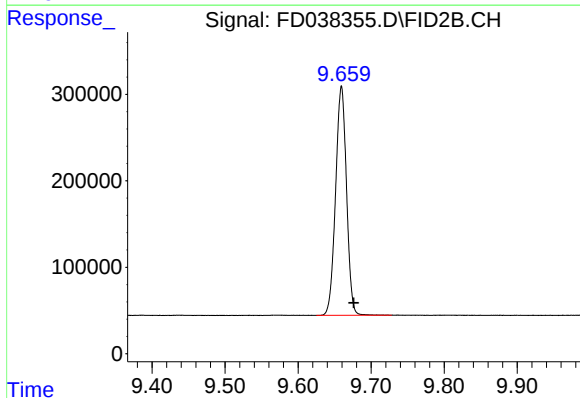
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.895 min
Delta R.T.: -0.017 min
Response: 2935415
Conc: 21.31 ug/ml



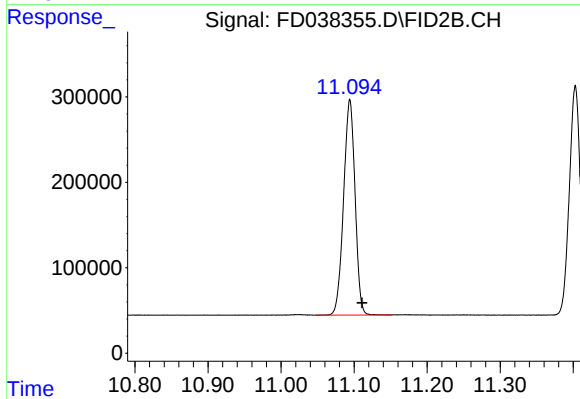
#6 n-Tetradecane (C14)

R.T.: 8.067 min
Delta R.T.: -0.017 min
Response: 2782110
Conc: 21.65 ug/ml



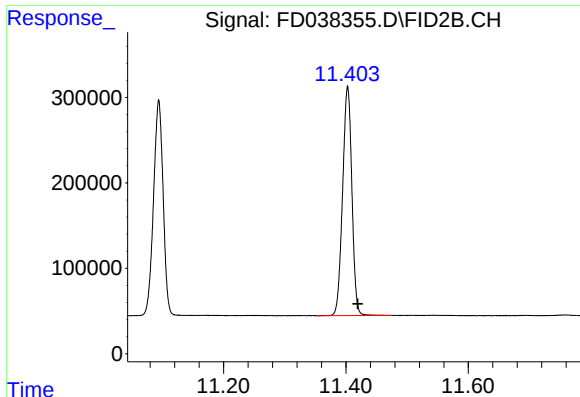
#7 n-Hexadecane (C16)

R.T.: 9.659 min
Delta R.T.: -0.017 min
Response: 2751519
Conc: 21.23 ug/ml



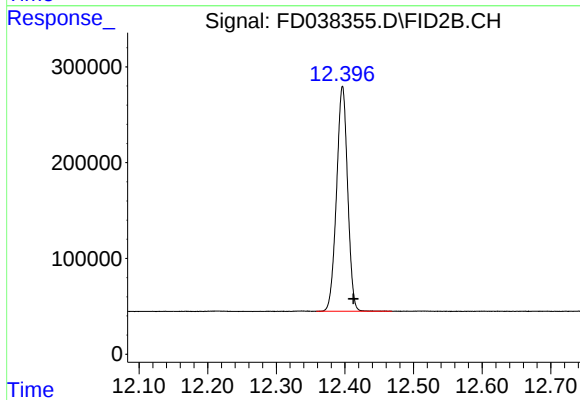
#8 n-Octadecane (C18)

R.T.: 11.094 min
Delta R.T.: -0.017 min
Response: 2750056
Conc: 20.42 ug/ml



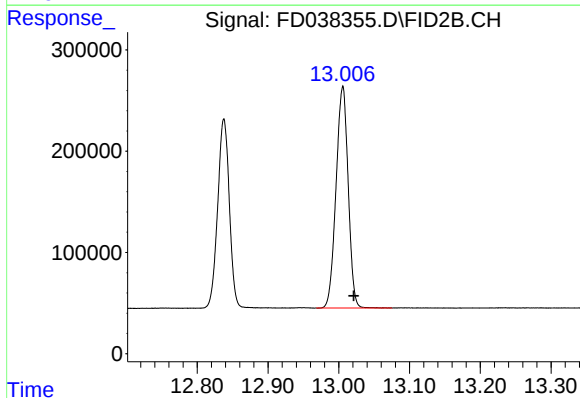
#9 ortho-Terphenyl (SURR)

R.T.: 11.403 min
Delta R.T.: -0.017 min
Response: 2823622
Conc: 19.53 ug/ml



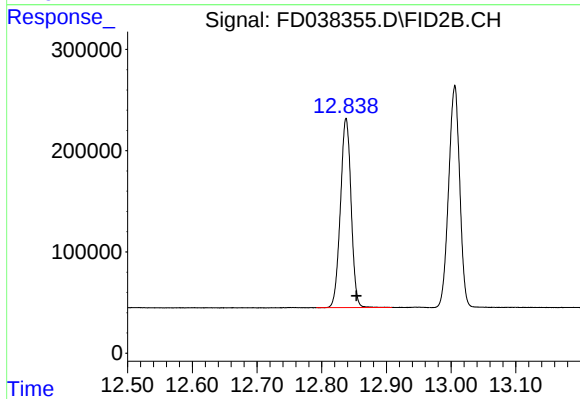
#10 n-Eicosane (C20)

R.T.: 12.396 min
Delta R.T.: -0.016 min
Response: 2633506
Conc: 19.61 ug/ml



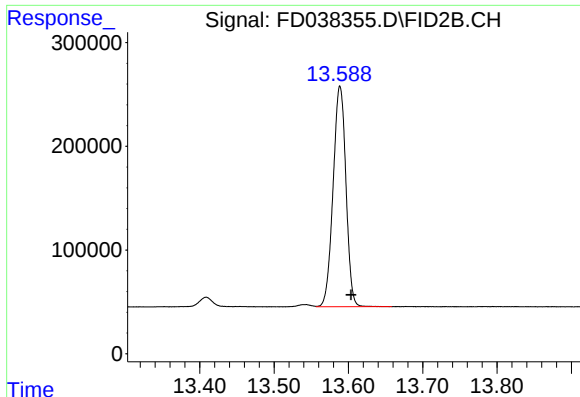
#11 n-Heneicosane (C21)

R.T.: 13.005 min
Delta R.T.: -0.016 min
Response: 2606874
Conc: 19.19 ug/ml



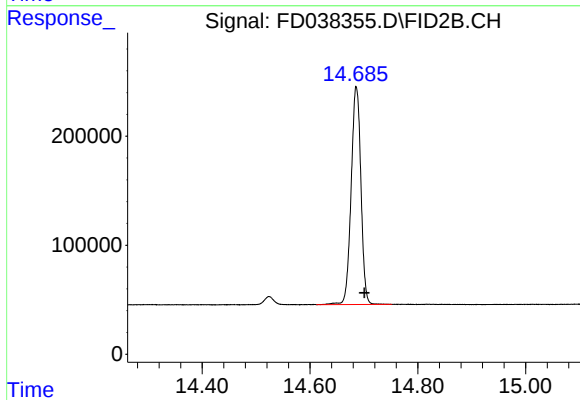
#12 1-chlorooctadecane (SURR)

R.T.: 12.838 min
Delta R.T.: -0.016 min
Response: 2140162
Conc: 18.77 ug/ml



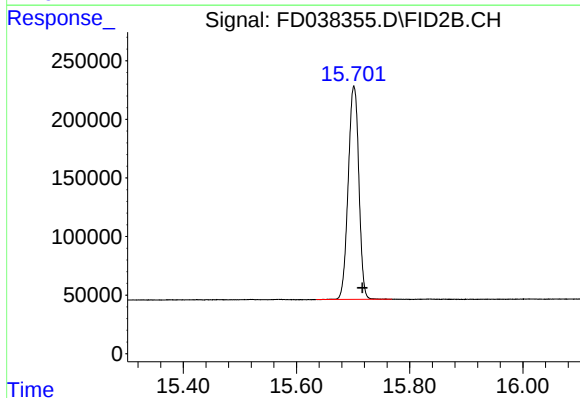
#13 n-Docosane (C22)

R.T.: 13.589 min
Delta R.T.: -0.015 min
Response: 2551793
Conc: 18.97 ug/ml



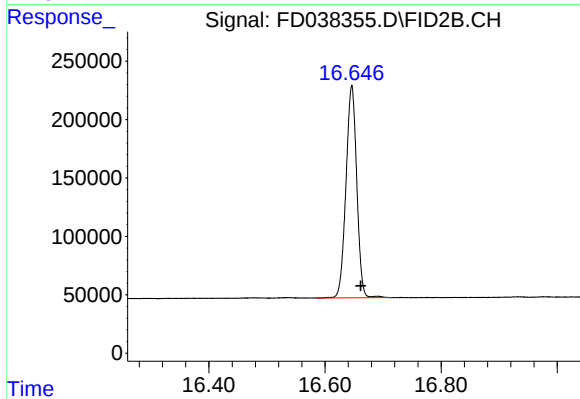
#14 n-Tetracosane (C24)

R.T.: 14.686 min
Delta R.T.: -0.015 min
Response: 2511844
Conc: 18.60 ug/ml



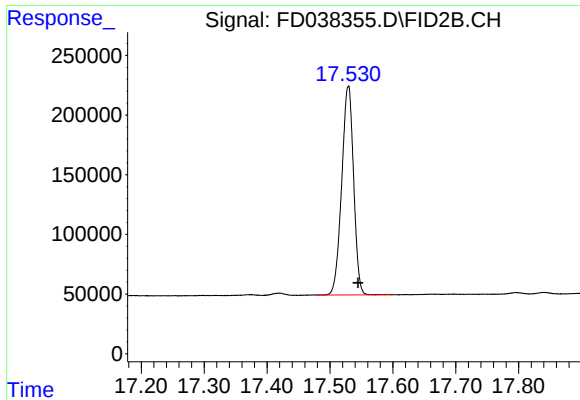
#15 n-Hexacosane (C26)

R.T.: 15.701 min
Delta R.T.: -0.015 min
Response: 2376585
Conc: 18.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.646 min
Delta R.T.: -0.015 min
Response: 2347637
Conc: 18.00 ug/ml



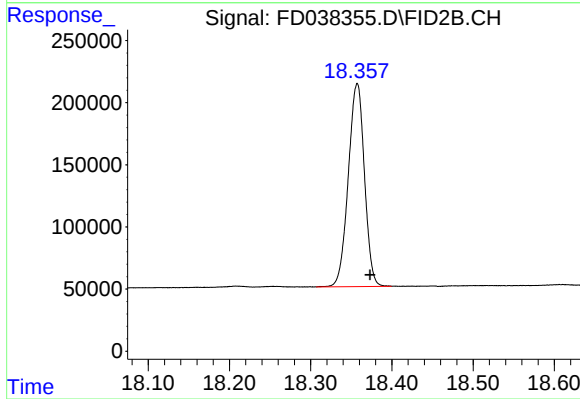
#17 n-Tricontane (C30)

R.T.: 17.529 min

Delta R.T.: -0.016 min

Response: 2298688

Conc: 17.99 ug/ml



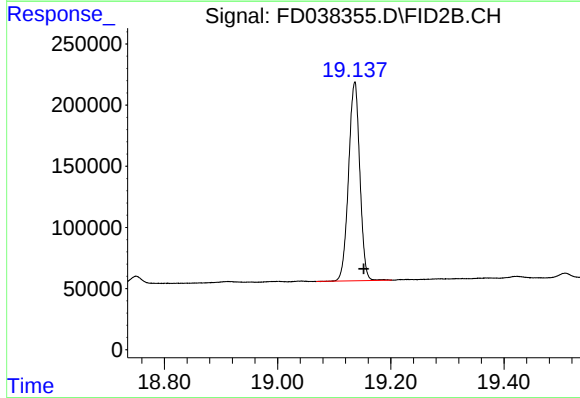
#18 n-Dotriacontane (C32)

R.T.: 18.357 min

Delta R.T.: -0.016 min

Response: 2256260

Conc: 18.34 ug/ml m



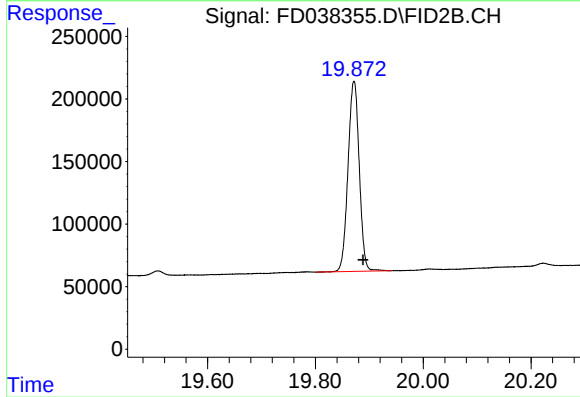
#19 n-Tetratriacontane (C34)

R.T.: 19.136 min

Delta R.T.: -0.016 min

Response: 2244621

Conc: 19.17 ug/ml



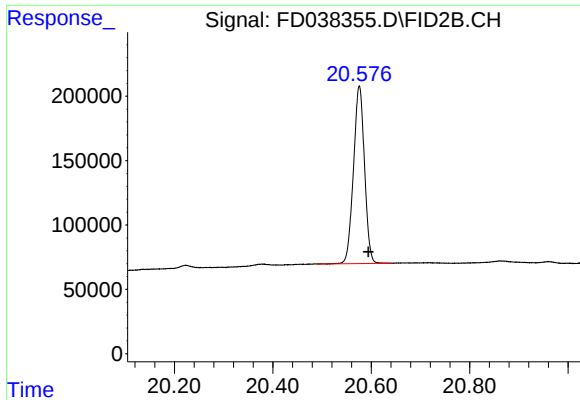
#20 n-Hexatriacontane (C36)

R.T.: 19.872 min

Delta R.T.: -0.017 min

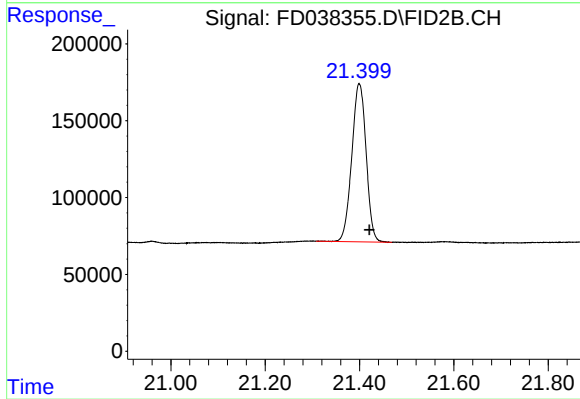
Response: 2196305

Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.576 min
Delta R.T.: -0.019 min
Response: 2142403
Conc: 21.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.399 min
Delta R.T.: -0.021 min
Response: 2171887
Conc: 22.21 ug/ml