

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072721AL\
 Data File : FD038366.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jul 2021 22:06
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 28 03:13:50 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)	11.401	2827524	19.561 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
12) S 1-chlorooctadecane (S...	12.836	2153221	18.886 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
Target Compounds			
1) T n-Nonane (C9)	3.219	2639602	21.722 ug/ml
2) T n-Decane (C10)	4.275	2690720	21.999 ug/ml
3) T A~Naphthalene (C11.7)	5.843	2943181	21.530 ug/ml
4) T n-Dodecane (C12)	6.279	2723382	21.866 ug/ml
5) T A~2-methylnaphthalene...	6.894	2928918	21.264 ug/ml
6) T n-Tetradecane (C14)	8.065	2750773	21.402 ug/ml
7) T n-Hexadecane (C16)	9.658	2733968	21.098 ug/ml
8) T n-Octadecane (C18)	11.092	2739189	20.339 ug/ml
10) T n-Eicosane (C20)	12.396	2641348	19.665 ug/ml
11) T n-Heneicosane (C21)	13.004	2617278	19.264 ug/ml
13) T n-Docosane (C22)	13.587	2582563	19.194 ug/ml
14) T n-Tetracosane (C24)	14.684	2578069	19.092 ug/ml
15) T n-Hexacosane (C26)	15.699	2439064	18.512 ug/ml
16) T n-Octacosane (C28)	16.645	2414053	18.514 ug/ml
17) T n-Tricontane (C30)	17.528	2389174	18.696 ug/ml
18) T n-Dotriacontane (C32)	18.356	2332730	18.958 ug/ml
19) T n-Tetratriacontane (C34)	19.136	2286099	19.522 ug/ml
20) T n-Hexatriacontane (C36)	19.872	2222869	20.354 ug/ml
21) T n-Octatriacontane (C38)	20.577	2163359	21.479 ug/ml
22) T n-Tetracontane (C40)	21.400	2216323	22.661 ug/ml

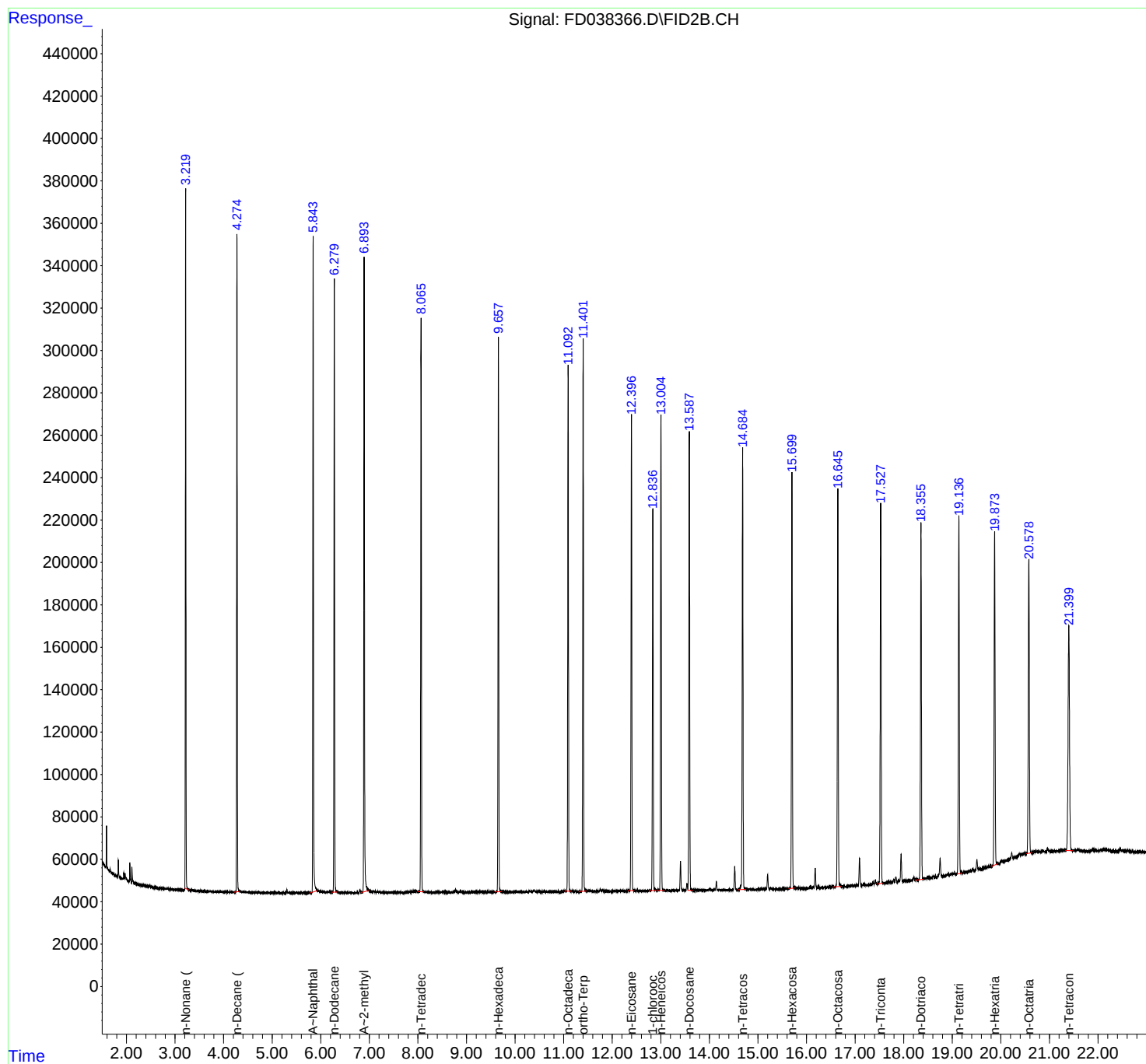
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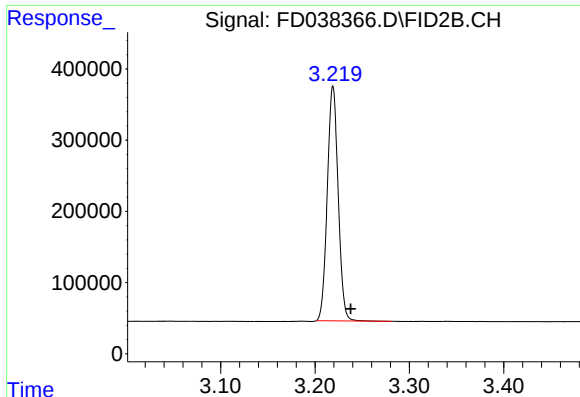
(m)=manual int.

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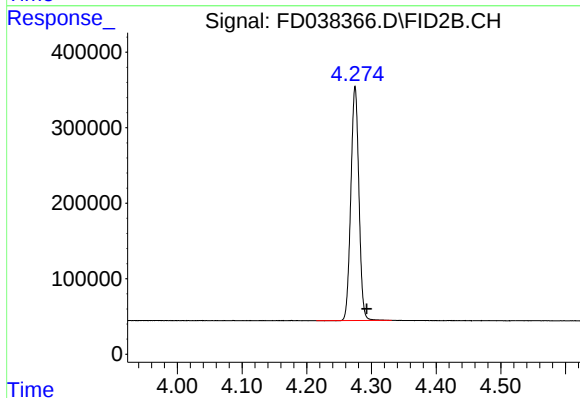
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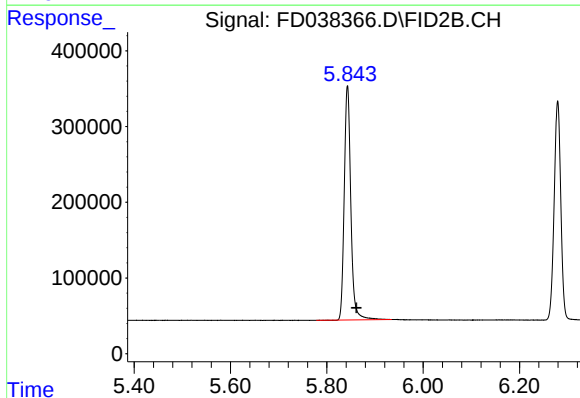
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.019 min
Response: 2639602
Conc: 21.72 ug/ml



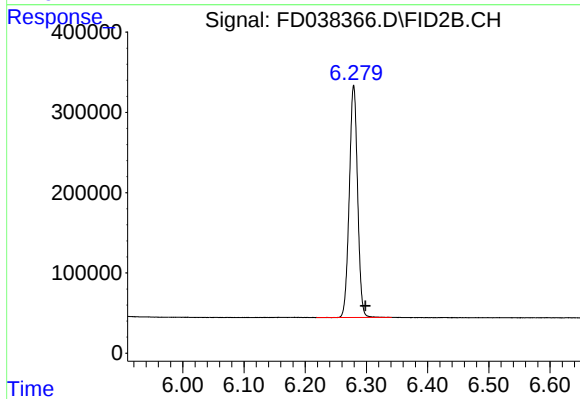
#2 n-Decane (C10)

R.T.: 4.275 min
Delta R.T.: -0.018 min
Response: 2690720
Conc: 22.00 ug/ml



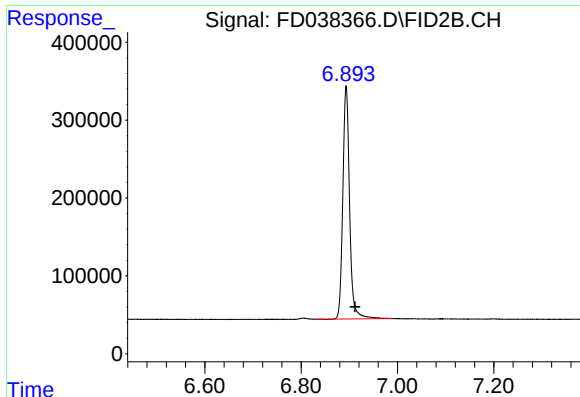
#3 A~Naphthalene (C11.7)

R.T.: 5.843 min
Delta R.T.: -0.018 min
Response: 2943181
Conc: 21.53 ug/ml



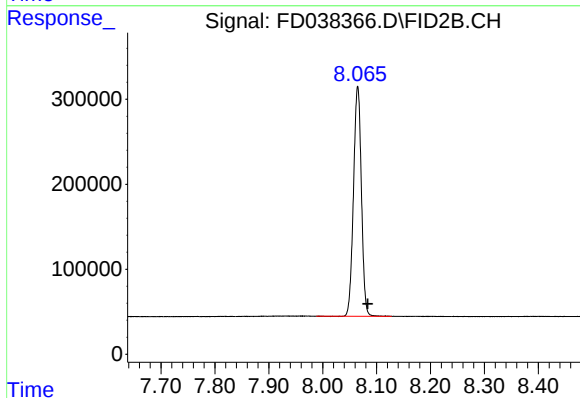
#4 n-Dodecane (C12)

R.T.: 6.279 min
Delta R.T.: -0.019 min
Response: 2723382
Conc: 21.87 ug/ml



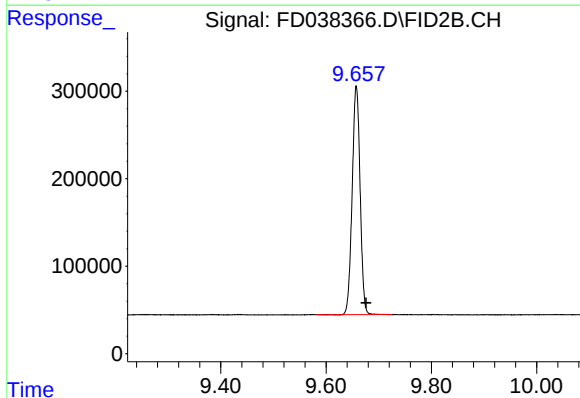
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: -0.018 min
Response: 2928918
Conc: 21.26 ug/ml



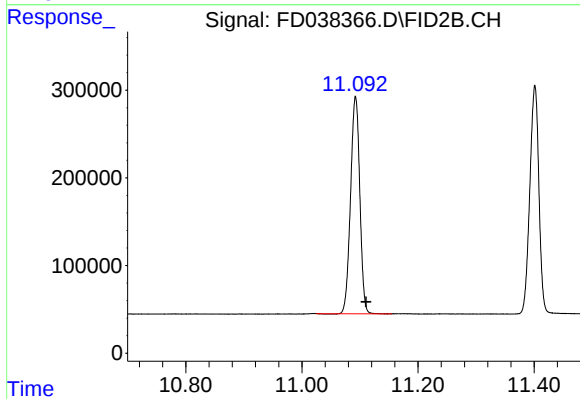
#6 n-Tetradecane (C14)

R.T.: 8.065 min
Delta R.T.: -0.019 min
Response: 2750773
Conc: 21.40 ug/ml



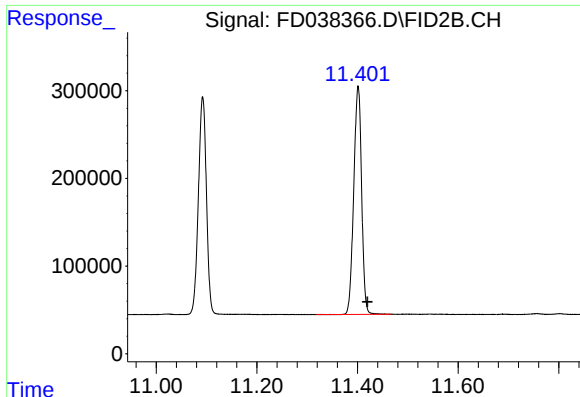
#7 n-Hexadecane (C16)

R.T.: 9.658 min
Delta R.T.: -0.019 min
Response: 2733968
Conc: 21.10 ug/ml



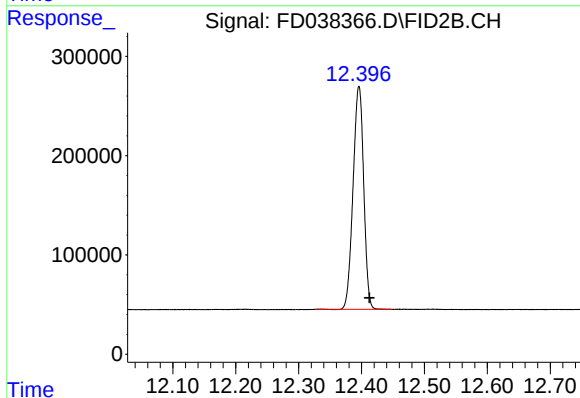
#8 n-Octadecane (C18)

R.T.: 11.092 min
Delta R.T.: -0.019 min
Response: 2739189
Conc: 20.34 ug/ml



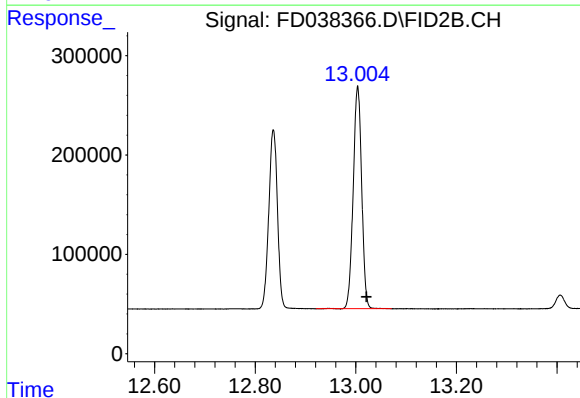
#9 ortho-Terphenyl (SURR)

R.T.: 11.401 min
Delta R.T.: -0.018 min
Response: 2827524
Conc: 19.56 ug/ml



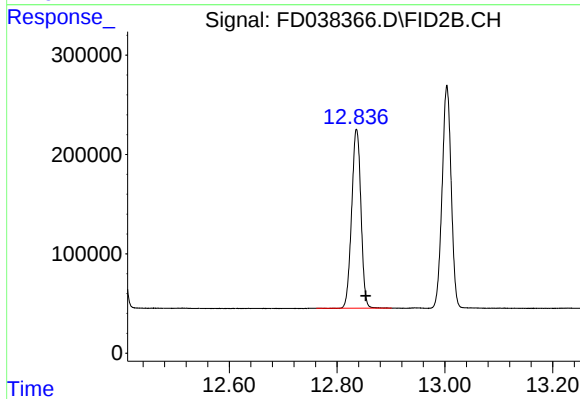
#10 n-Eicosane (C20)

R.T.: 12.396 min
Delta R.T.: -0.017 min
Response: 2641348
Conc: 19.66 ug/ml



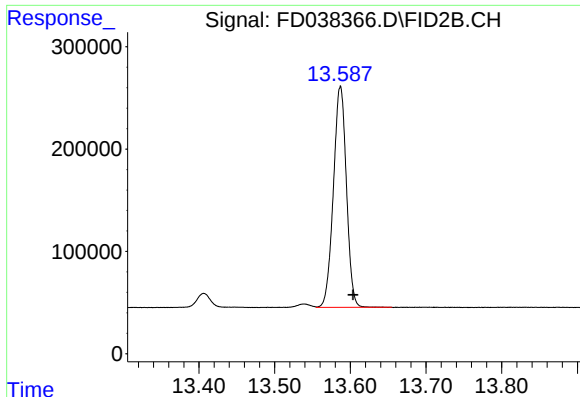
#11 n-Heneicosane (C21)

R.T.: 13.004 min
Delta R.T.: -0.017 min
Response: 2617278
Conc: 19.26 ug/ml



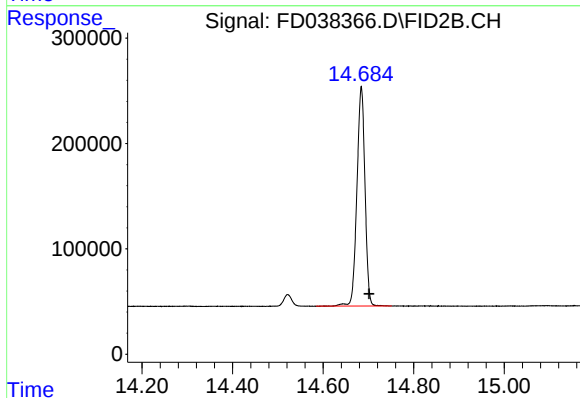
#12 1-chlorooctadecane (SURR)

R.T.: 12.836 min
Delta R.T.: -0.017 min
Response: 2153221
Conc: 18.89 ug/ml



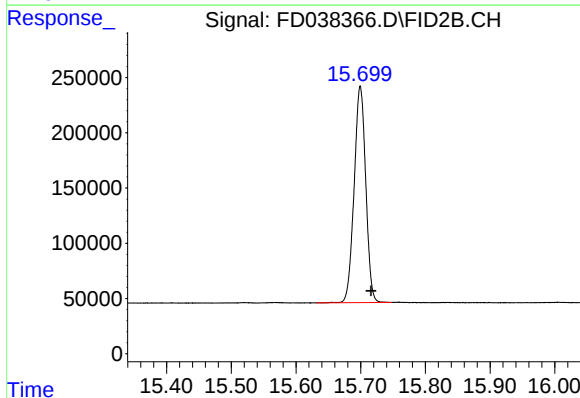
#13 n-Docosane (C22)

R.T.: 13.587 min
Delta R.T.: -0.017 min
Response: 2582563
Conc: 19.19 ug/ml



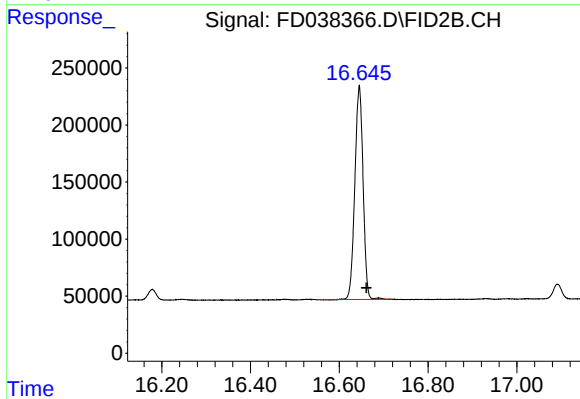
#14 n-Tetracosane (C24)

R.T.: 14.684 min
Delta R.T.: -0.017 min
Response: 2578069
Conc: 19.09 ug/ml



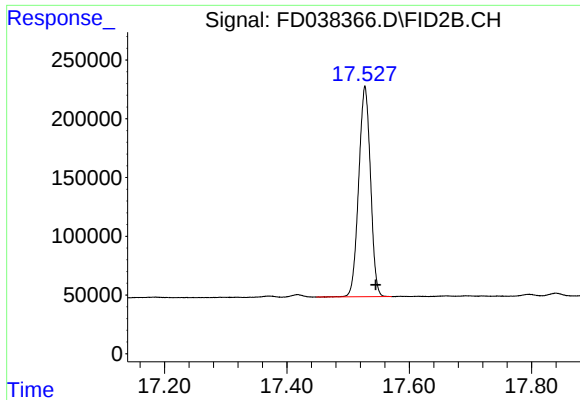
#15 n-Hexacosane (C26)

R.T.: 15.699 min
Delta R.T.: -0.017 min
Response: 2439064
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.645 min
Delta R.T.: -0.016 min
Response: 2414053
Conc: 18.51 ug/ml



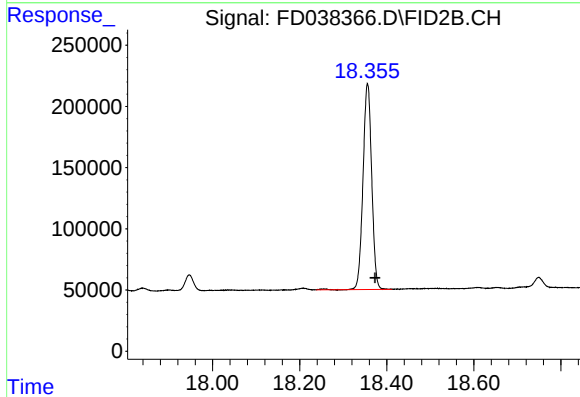
#17 n-Tricontane (C30)

R.T.: 17.528 min

Delta R.T.: -0.017 min

Response: 2389174

Conc: 18.70 ug/ml



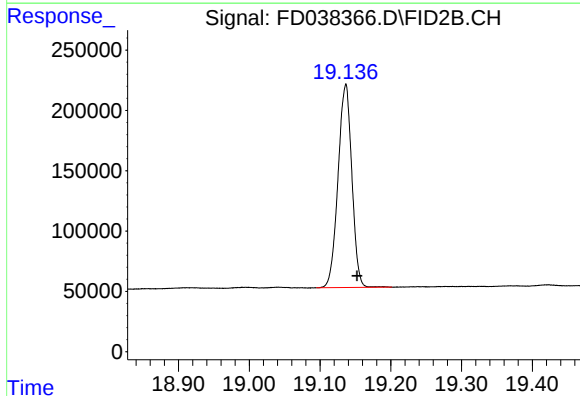
#18 n-Dotriacontane (C32)

R.T.: 18.356 min

Delta R.T.: -0.017 min

Response: 2332730

Conc: 18.96 ug/ml



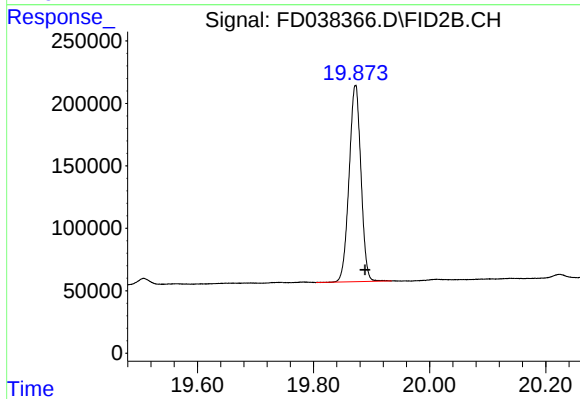
#19 n-Tetratriacontane (C34)

R.T.: 19.136 min

Delta R.T.: -0.016 min

Response: 2286099

Conc: 19.52 ug/ml



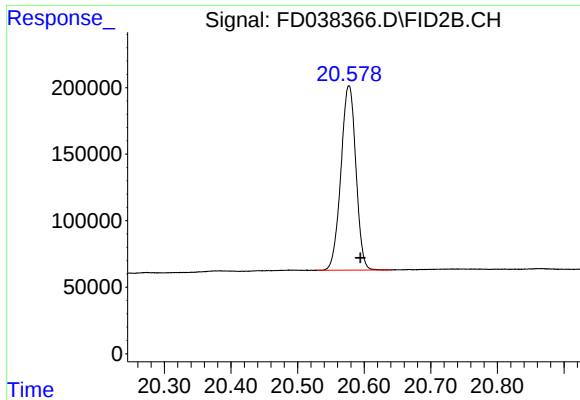
#20 n-Hexatriacontane (C36)

R.T.: 19.872 min

Delta R.T.: -0.016 min

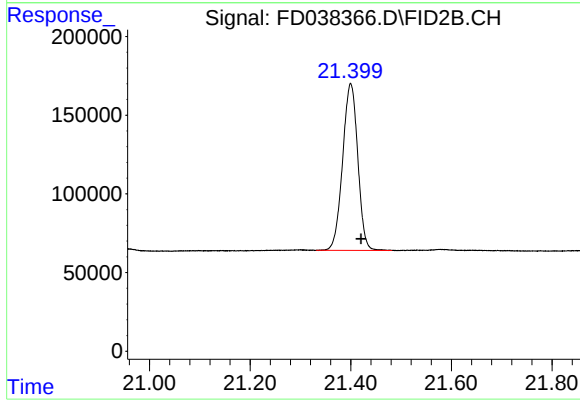
Response: 2222869

Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.577 min
Delta R.T.: -0.017 min
Response: 2163359
Conc: 21.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.400 min
Delta R.T.: -0.021 min
Response: 2216323
Conc: 22.66 ug/ml