

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080621AL\
 Data File : FD038442.D
 Signal(s) : FID2B.CH
 Acq On : 06 Aug 2021 23:30
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 09 04:03:19 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)	11.367	2839705	20.803 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
12) S 1-chlorooctadecane (S...	12.804	2207816	20.531 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
Target Compounds			
1) T n-Nonane (C9)	3.195	2501764	21.310 ug/ml
2) T n-Decane (C10)	4.247	2544711	21.583 ug/ml
3) T A~Naphthalene (C11.7)	5.810	2825448	21.645 ug/ml
4) T n-Dodecane (C12)	6.248	2571273	21.654 ug/ml
5) T A~2-methylnaphthalene...	6.860	2861428	21.867 ug/ml
6) T n-Tetradecane (C14)	8.033	2620064	21.558 ug/ml
7) T n-Hexadecane (C16)	9.625	2632433	21.539 ug/ml
8) T n-Octadecane (C18)	11.060	2682848	21.309 ug/ml
10) T n-Eicosane (C20)	12.364	2638120	20.928 ug/ml
11) T n-Heneicosane (C21)	12.972	2635221	20.644 ug/ml
13) T n-Docosane (C22)	13.555	2619547	20.577 ug/ml
14) T n-Tetracosane (C24)	14.653	2639964	20.523 ug/ml
15) T n-Hexacosane (C26)	15.669	2529003	19.859 ug/ml
16) T n-Octacosane (C28)	16.613	2469041	19.352 ug/ml
17) T n-Tricontane (C30)	17.497	2381338	18.796 ug/ml
18) T n-Dotriacontane (C32)	18.324	2284413	18.591 ug/ml
19) T n-Tetratriacontane (C34)	19.104	2170128	18.183 ug/ml
20) T n-Hexatriacontane (C36)	19.842	1955462	17.545 ug/ml
21) T n-Octatriacontane (C38)	20.542	1972399	19.079 ug/ml
22) T n-Tetracontane (C40)	21.352	2054830	20.473 ug/ml

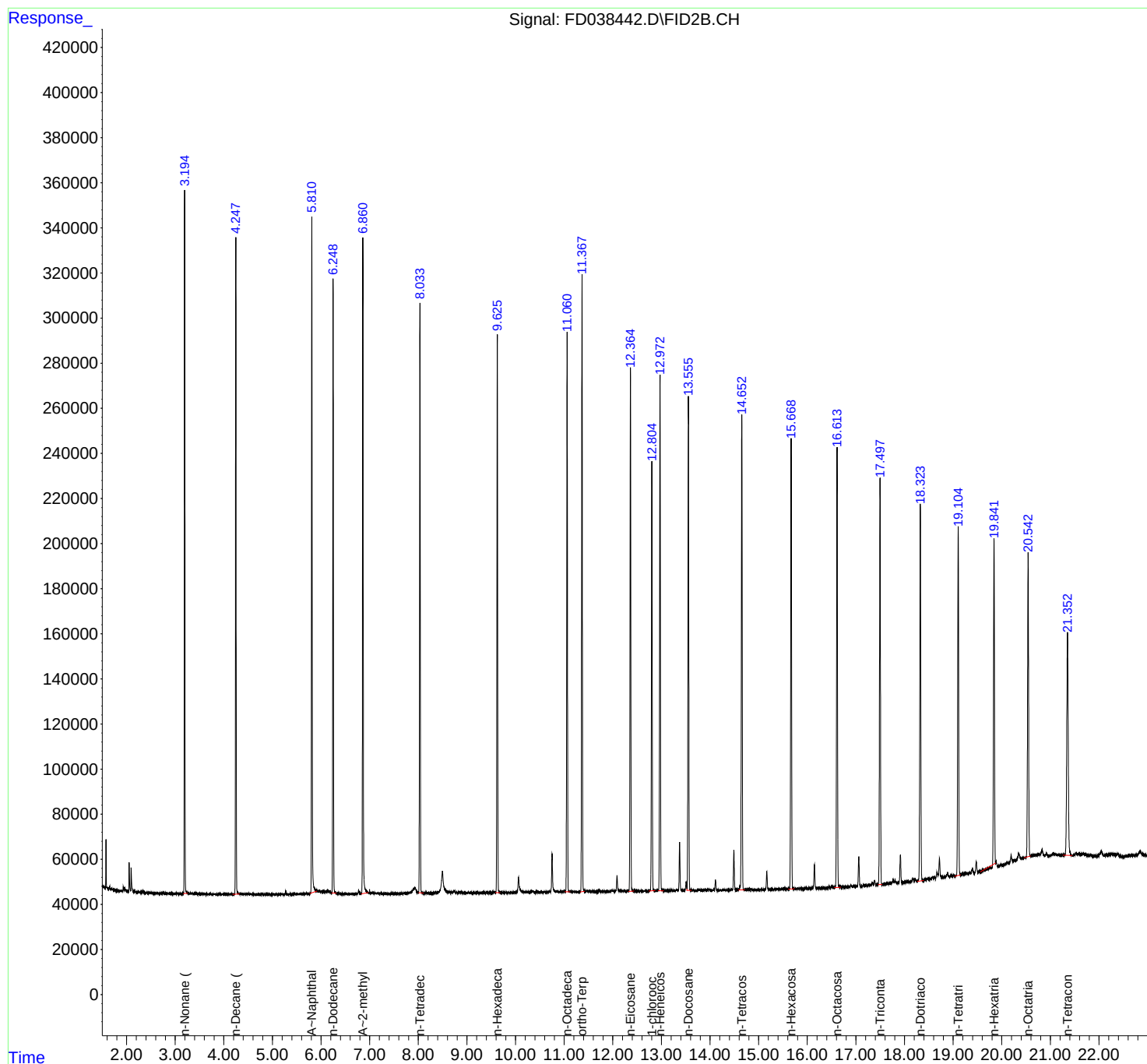
(f)=RT Delta > 1/2 Window

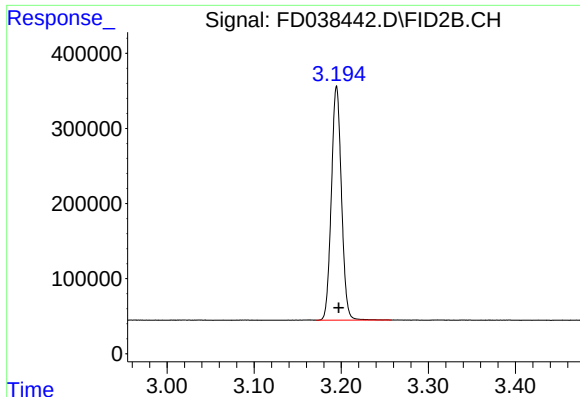
(m)=manual int.

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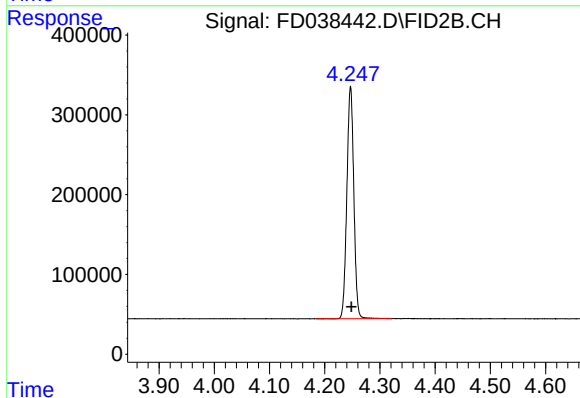
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





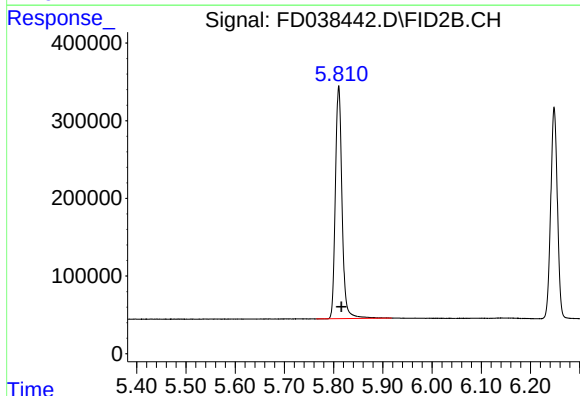
#1 n-Nonane (C9)

R.T.: 3.195 min
Delta R.T.: -0.002 min
Response: 2501764
Conc: 21.31 ug/ml



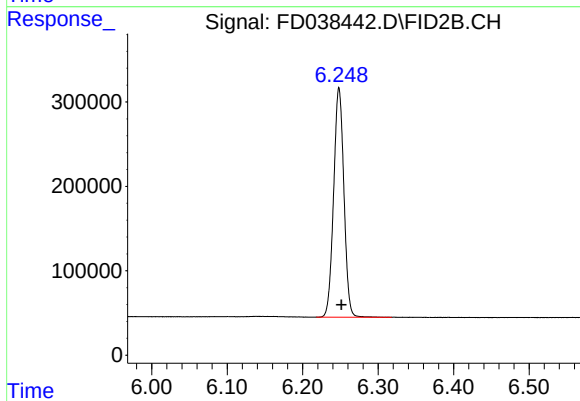
#2 n-Decane (C10)

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 2544711
Conc: 21.58 ug/ml



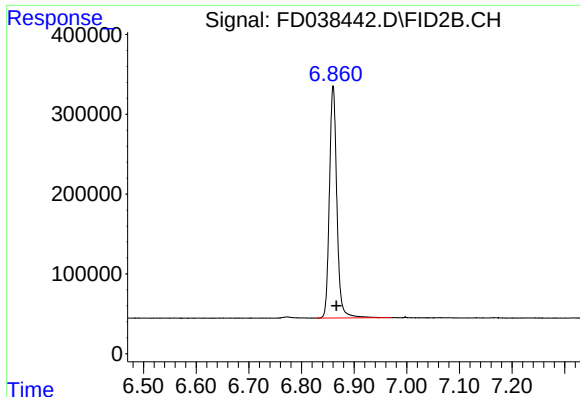
#3 A~Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.005 min
Response: 2825448
Conc: 21.64 ug/ml



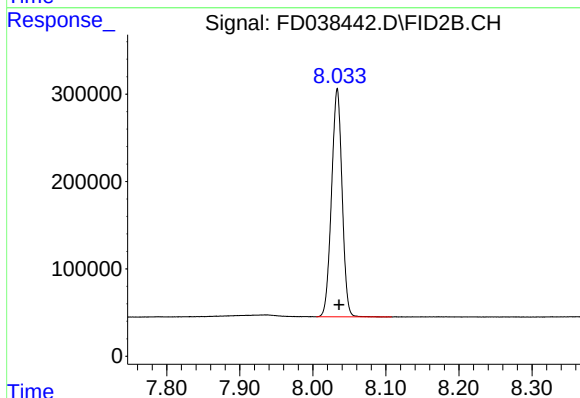
#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 2571273
Conc: 21.65 ug/ml



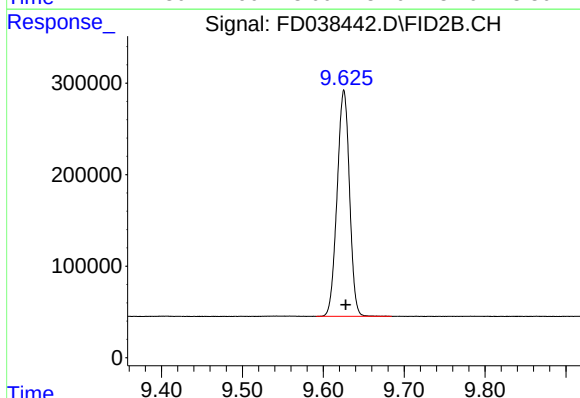
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.006 min
Response: 2861428
Conc: 21.87 ug/ml



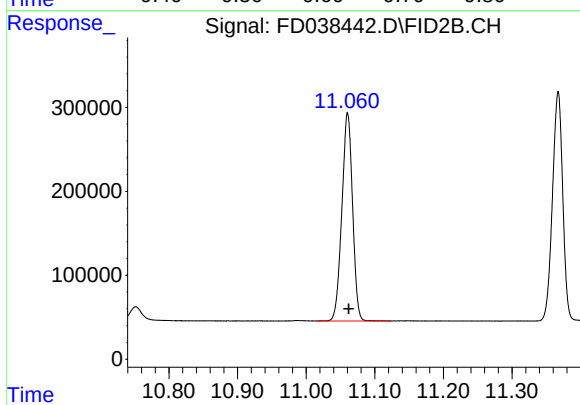
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 2620064
Conc: 21.56 ug/ml



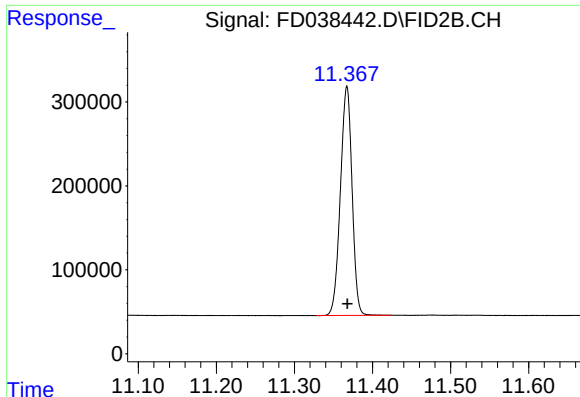
#7 n-Hexadecane (C16)

R.T.: 9.625 min
Delta R.T.: -0.002 min
Response: 2632433
Conc: 21.54 ug/ml



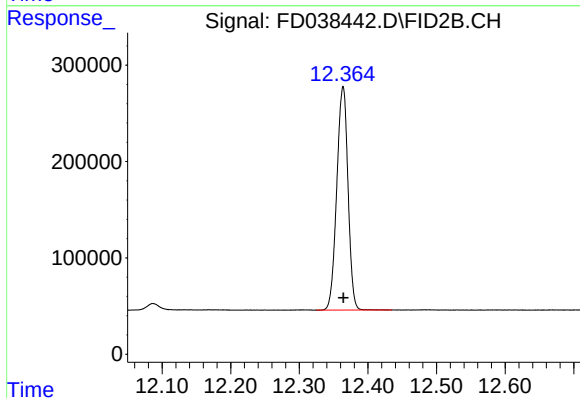
#8 n-Octadecane (C18)

R.T.: 11.060 min
Delta R.T.: -0.001 min
Response: 2682848
Conc: 21.31 ug/ml



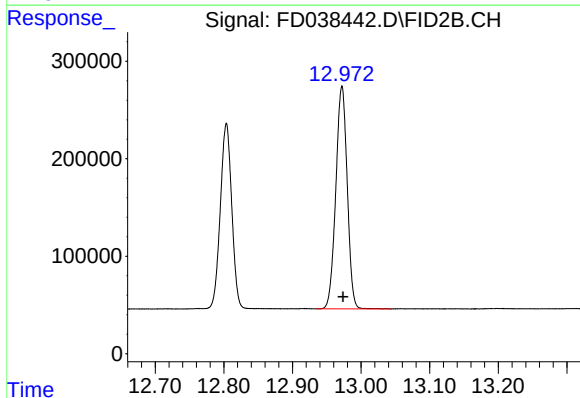
#9 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: 0.000 min
Response: 2839705
Conc: 20.80 ug/ml



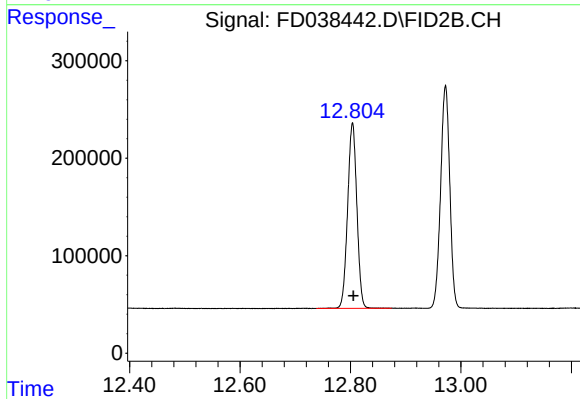
#10 n-Eicosane (C20)

R.T.: 12.364 min
Delta R.T.: 0.000 min
Response: 2638120
Conc: 20.93 ug/ml



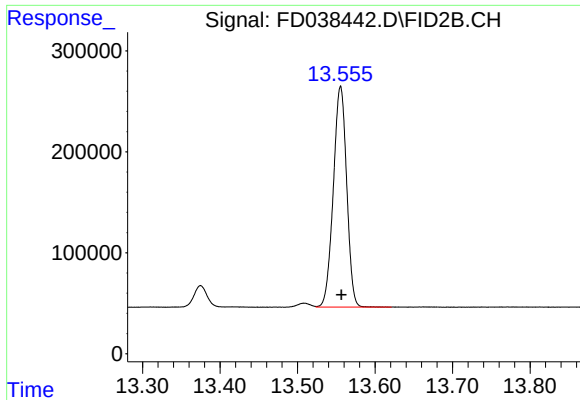
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 2635221
Conc: 20.64 ug/ml



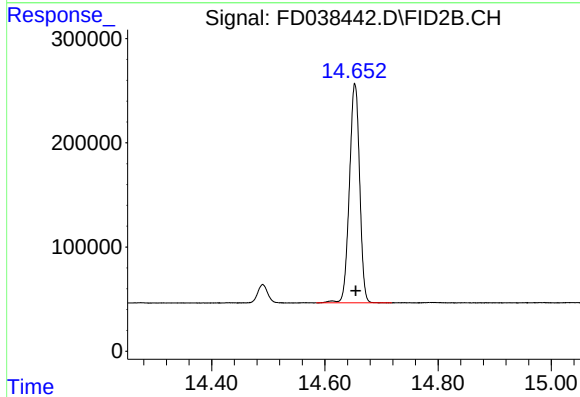
#12 1-chlorooctadecane (SURR)

R.T.: 12.804 min
Delta R.T.: -0.002 min
Response: 2207816
Conc: 20.53 ug/ml



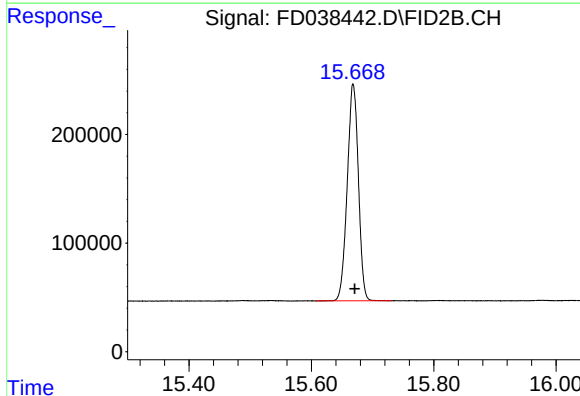
#13 n-Docosane (C22)

R.T.: 13.555 min
Delta R.T.: -0.001 min
Response: 2619547
Conc: 20.58 ug/ml



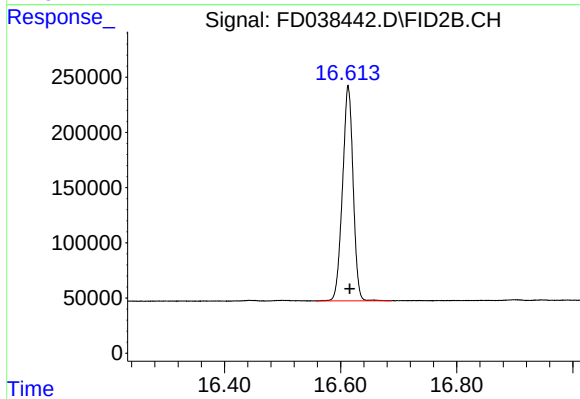
#14 n-Tetracosane (C24)

R.T.: 14.653 min
Delta R.T.: -0.001 min
Response: 2639964
Conc: 20.52 ug/ml



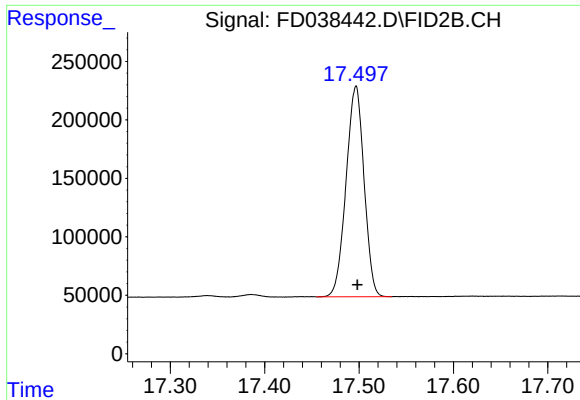
#15 n-Hexacosane (C26)

R.T.: 15.669 min
Delta R.T.: -0.002 min
Response: 2529003
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.613 min
Delta R.T.: -0.003 min
Response: 2469041
Conc: 19.35 ug/ml



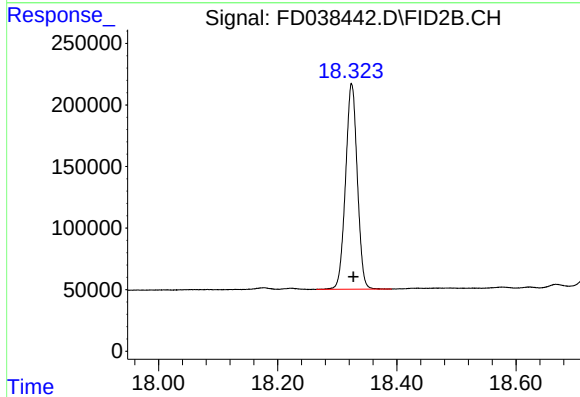
#17 n-Tricontane (C30)

R.T.: 17.497 min

Delta R.T.: -0.002 min

Response: 2381338

Conc: 18.80 ug/ml



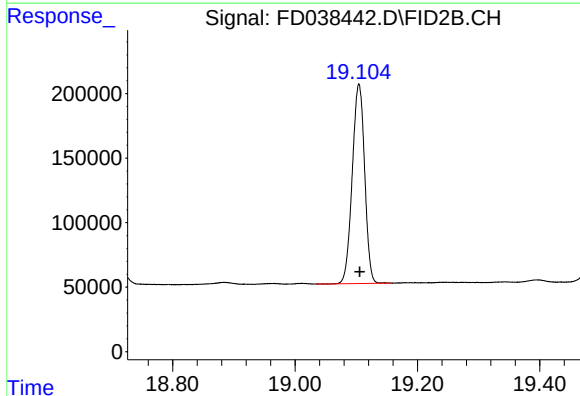
#18 n-Dotriacontane (C32)

R.T.: 18.324 min

Delta R.T.: -0.003 min

Response: 2284413

Conc: 18.59 ug/ml



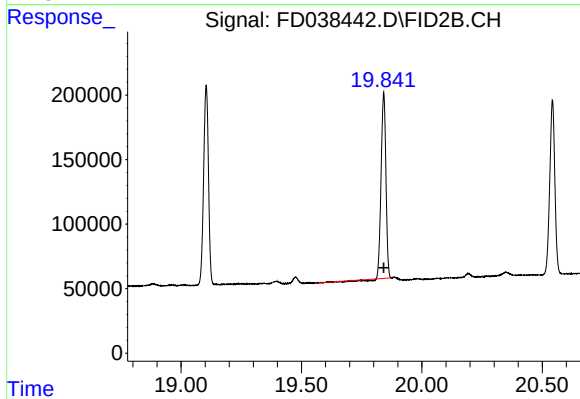
#19 n-Tetratriacontane (C34)

R.T.: 19.104 min

Delta R.T.: -0.001 min

Response: 2170128

Conc: 18.18 ug/ml



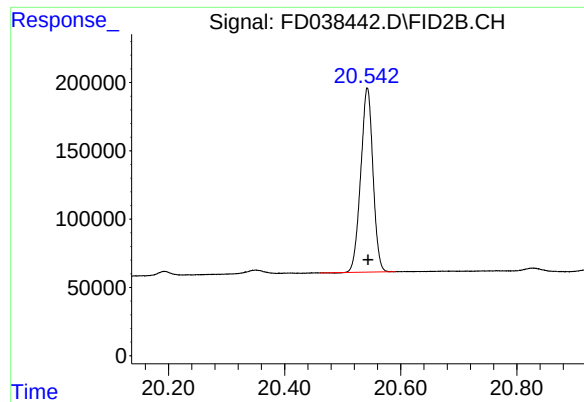
#20 n-Hexatriacontane (C36)

R.T.: 19.842 min

Delta R.T.: 0.000 min

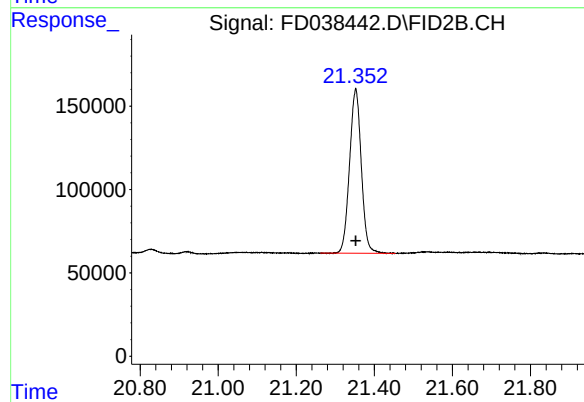
Response: 1955462

Conc: 17.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: -0.001 min
Response: 1972399
Conc: 19.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.352 min
Delta R.T.: 0.000 min
Response: 2054830
Conc: 20.47 ug/ml