

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012022AL\
 Data File : FD040714.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2022 7:34
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 07:50:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.611	2614934	16.959 ug/ml
Spiked Amount 50.000		Recovery =	33.92%
12) S 1-chlorooctadecane (S...	12.049	1965179	16.696 ug/ml
Spiked Amount 50.000		Recovery =	33.39%
Target Compounds			
1) T n-Nonane (C9)	2.566	2267042	17.659 ug/ml
2) T n-Decane (C10)	3.551	2308857	17.931 ug/ml
3) T A~Naphthalene (C11.7)	5.081	2554971	17.984 ug/ml
4) T n-Dodecane (C12)	5.518	2328366	18.217 ug/ml
5) T A~2-methylnaphthalene...	6.120	2545078	18.041 ug/ml
6) T n-Tetradecane (C14)	7.294	2399607	18.524 ug/ml
7) T n-Hexadecane (C16)	8.881	2406305	18.470 ug/ml
8) T n-Octadecane (C18)	10.312	2444272	18.039 ug/ml
10) T n-Eicosane (C20)	11.612	2385886	17.541 ug/ml
11) T n-Heneicosane (C21)	12.219	2336507	16.873 ug/ml
13) T n-Docosane (C22)	12.802	2472579	17.932 ug/ml
14) T n-Tetracosane (C24)	13.898	2687299	19.219 ug/ml
15) T n-Hexacosane (C26)	14.913	2775161	20.132 ug/ml
16) T n-Octacosane (C28)	15.857	2910484	21.450 ug/ml
17) T n-Tricontane (C30)	16.740	3092894	23.730 ug/ml
18) T n-Dotriacontane (C32)	17.567	2880801	24.098 ug/ml
19) T n-Tetratriacontane (C34)	18.346	2424301	23.024 ug/mlm
20) T n-Hexatriacontane (C36)	19.084	2007718	19.813 ug/ml
21) T n-Octatriacontane (C38)	19.781	1814064	20.304 ug/ml
22) T n-Tetracontane (C40)	20.578	1703896	19.933 ug/mlm

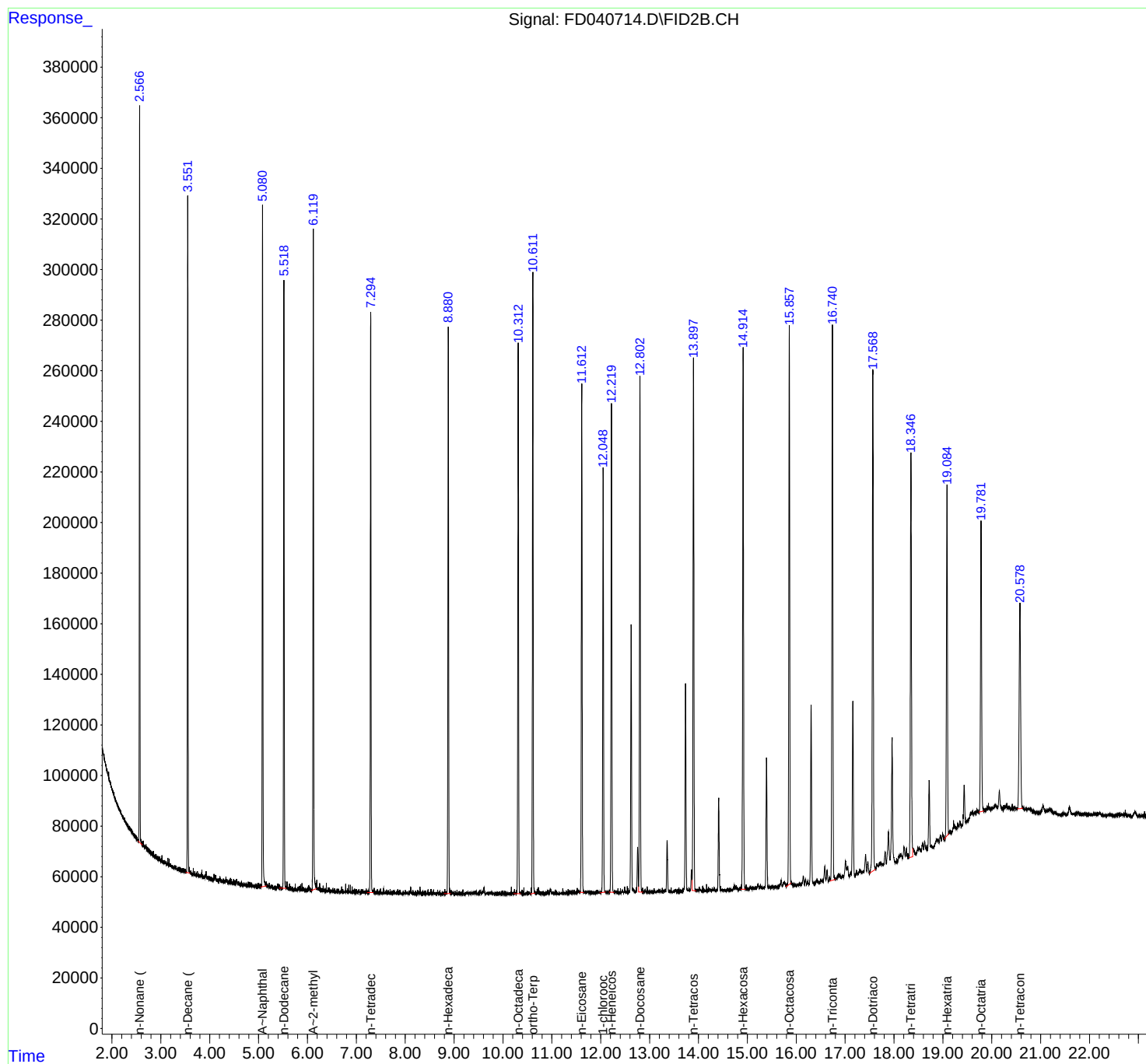
(f)=RT Delta > 1/2 Window

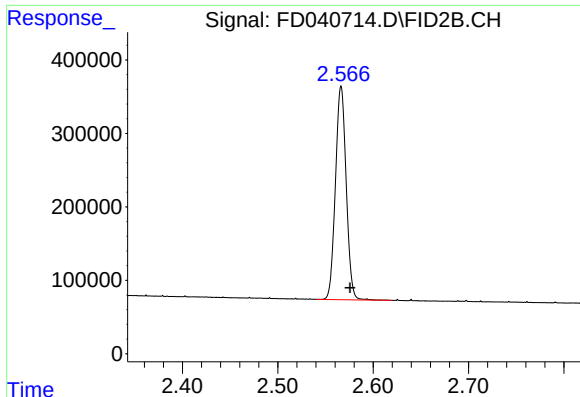
(m)=manual int.

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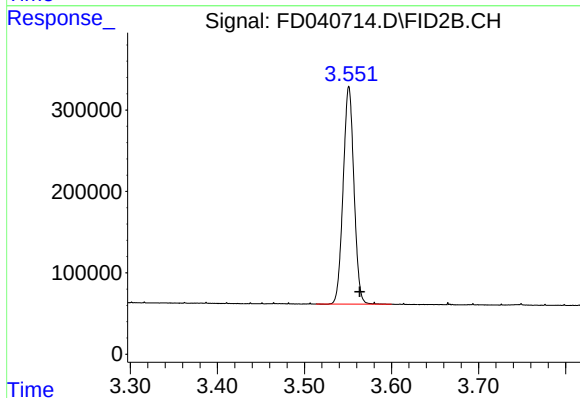
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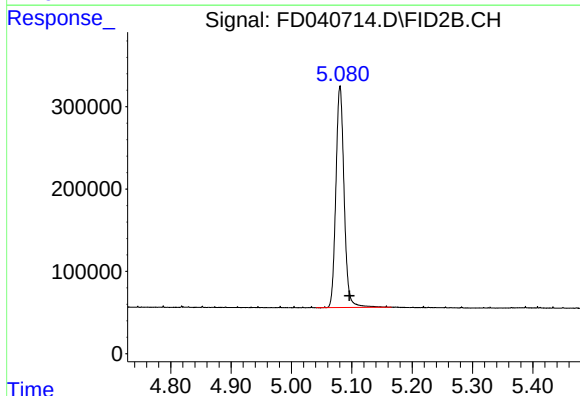
#1 n-Nonane (C9)

R.T.: 2.566 min
Delta R.T.: -0.010 min
Response: 2267042
Conc: 17.66 ug/ml



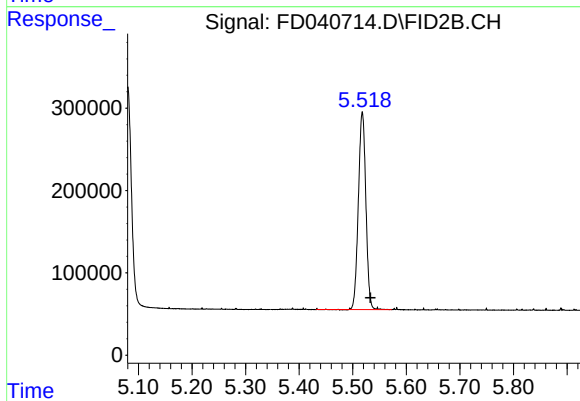
#2 n-Decane (C10)

R.T.: 3.551 min
Delta R.T.: -0.012 min
Response: 2308857
Conc: 17.93 ug/ml



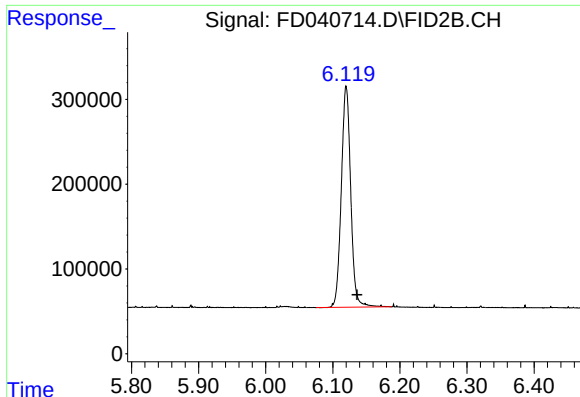
#3 A~Naphthalene (C11.7)

R.T.: 5.081 min
Delta R.T.: -0.015 min
Response: 2554971
Conc: 17.98 ug/ml



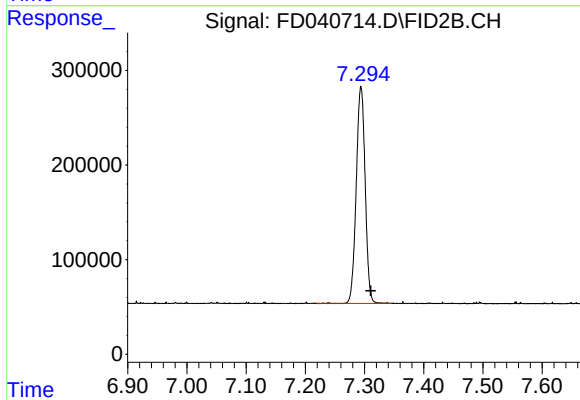
#4 n-Dodecane (C12)

R.T.: 5.518 min
Delta R.T.: -0.015 min
Response: 2328366
Conc: 18.22 ug/ml



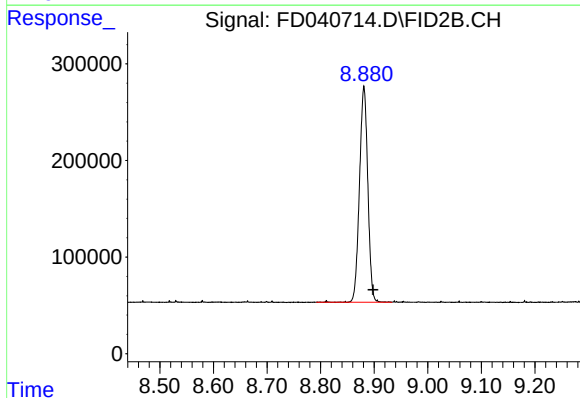
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.120 min
Delta R.T.: -0.016 min
Response: 2545078
Conc: 18.04 ug/ml



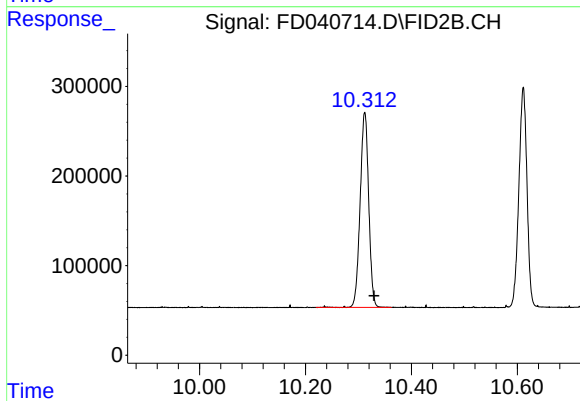
#6 n-Tetradecane (C14)

R.T.: 7.294 min
Delta R.T.: -0.017 min
Response: 2399607
Conc: 18.52 ug/ml



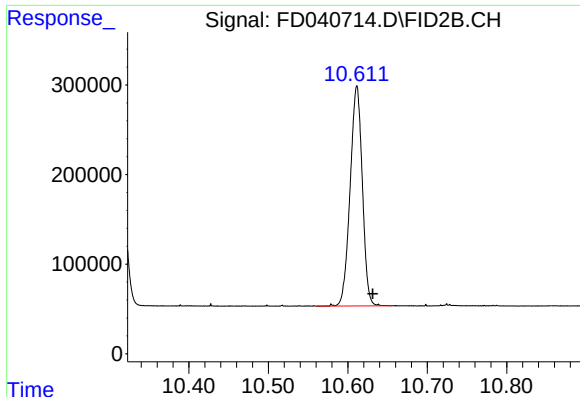
#7 n-Hexadecane (C16)

R.T.: 8.881 min
Delta R.T.: -0.017 min
Response: 2406305
Conc: 18.47 ug/ml



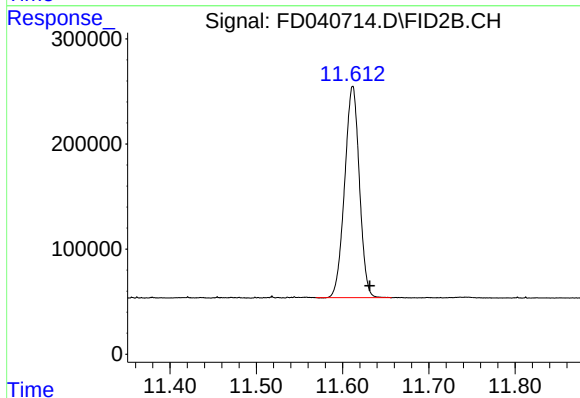
#8 n-Octadecane (C18)

R.T.: 10.312 min
Delta R.T.: -0.018 min
Response: 2444272
Conc: 18.04 ug/ml



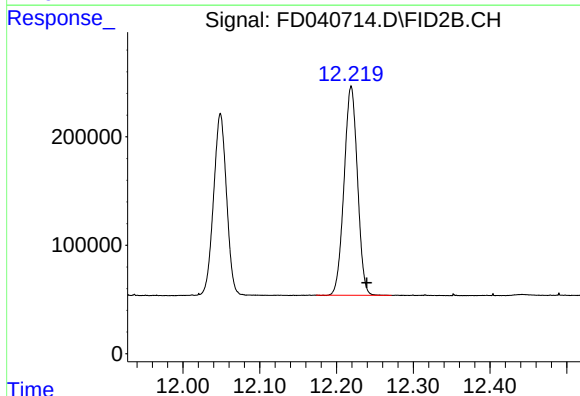
#9 ortho-Terphenyl (SURR)

R.T.: 10.611 min
Delta R.T.: -0.020 min
Response: 2614934
Conc: 16.96 ug/ml



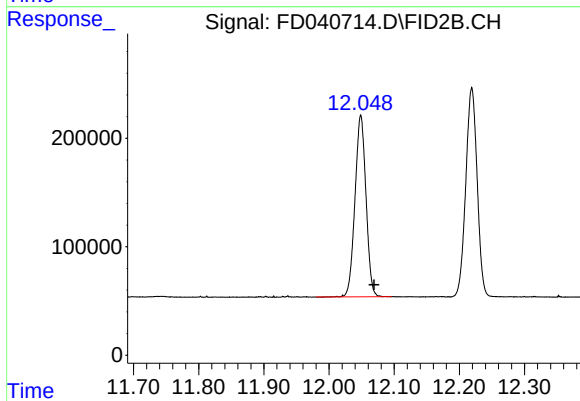
#10 n-Eicosane (C20)

R.T.: 11.612 min
Delta R.T.: -0.020 min
Response: 2385886
Conc: 17.54 ug/ml



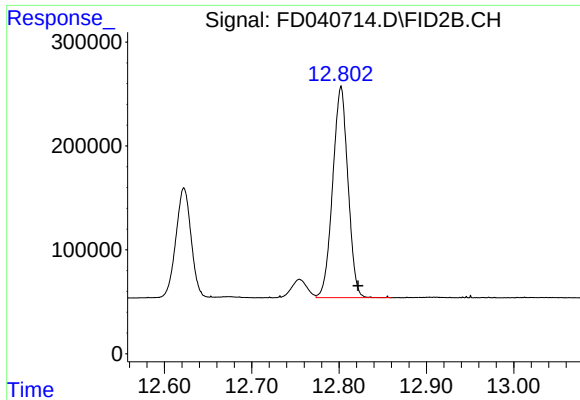
#11 n-Heneicosane (C21)

R.T.: 12.219 min
Delta R.T.: -0.020 min
Response: 2336507
Conc: 16.87 ug/ml



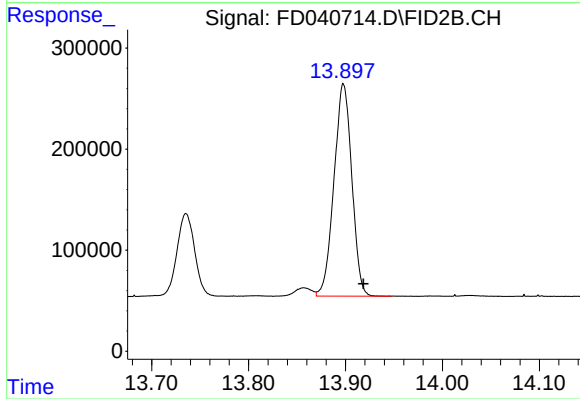
#12 1-chlorooctadecane (SURR)

R.T.: 12.049 min
Delta R.T.: -0.021 min
Response: 1965179
Conc: 16.70 ug/ml



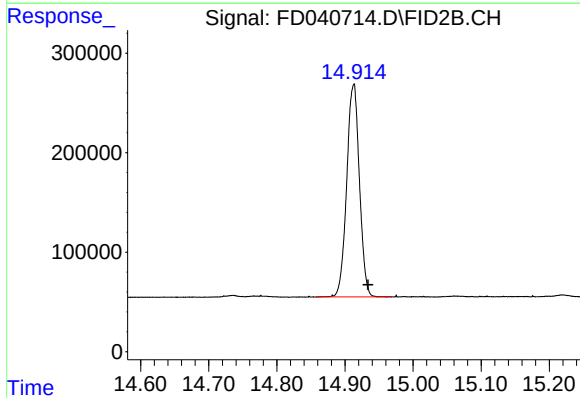
#13 n-Docosane (C22)

R.T.: 12.802 min
Delta R.T.: -0.020 min
Response: 2472579
Conc: 17.93 ug/ml



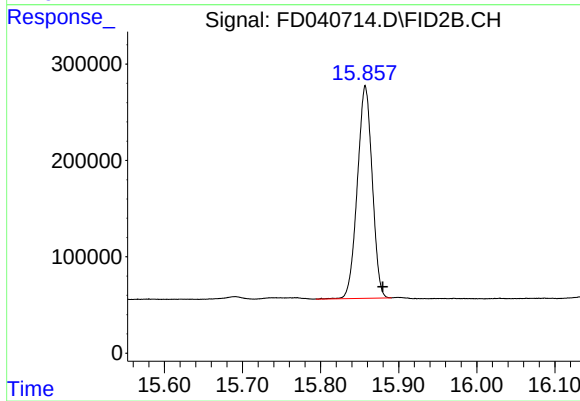
#14 n-Tetracosane (C24)

R.T.: 13.898 min
Delta R.T.: -0.021 min
Response: 2687299
Conc: 19.22 ug/ml



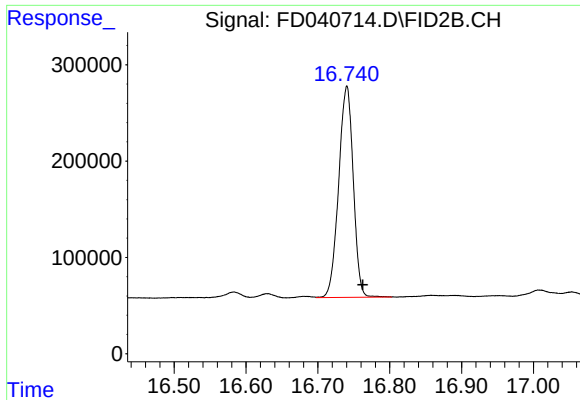
#15 n-Hexacosane (C26)

R.T.: 14.913 min
Delta R.T.: -0.021 min
Response: 2775161
Conc: 20.13 ug/ml



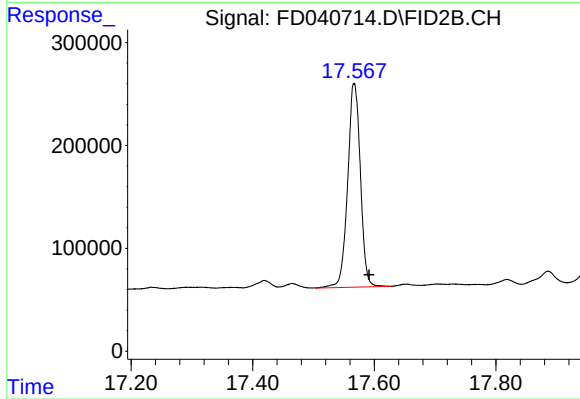
#16 n-Octacosane (C28)

R.T.: 15.857 min
Delta R.T.: -0.022 min
Response: 2910484
Conc: 21.45 ug/ml



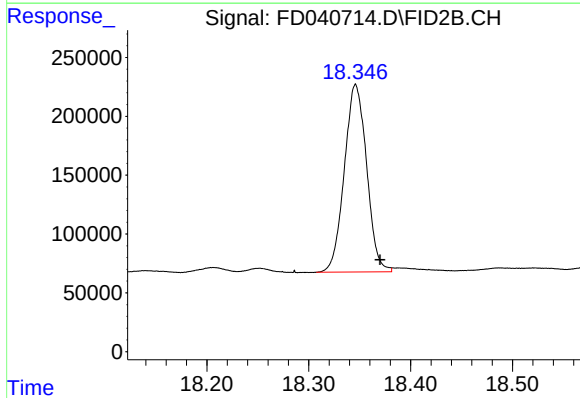
#17 n-Tricontane (C30)

R.T.: 16.740 min
Delta R.T.: -0.022 min
Response: 3092894
Conc: 23.73 ug/ml



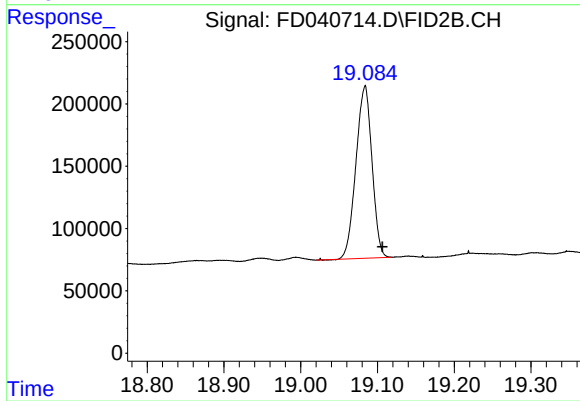
#18 n-Dotriacontane (C32)

R.T.: 17.567 min
Delta R.T.: -0.024 min
Response: 2880801
Conc: 24.10 ug/ml



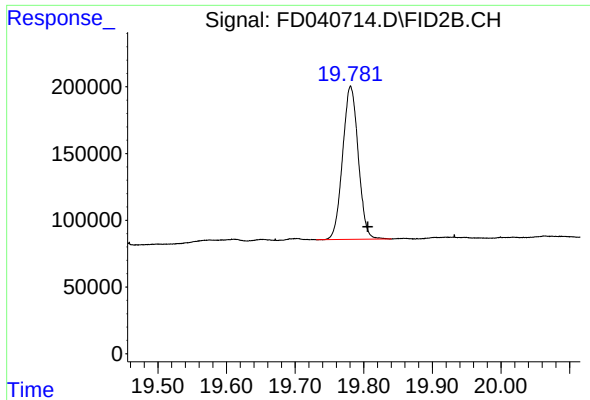
#19 n-Tetratriacontane (C34)

R.T.: 18.346 min
Delta R.T.: -0.024 min
Response: 2424301
Conc: 23.02 ug/ml m



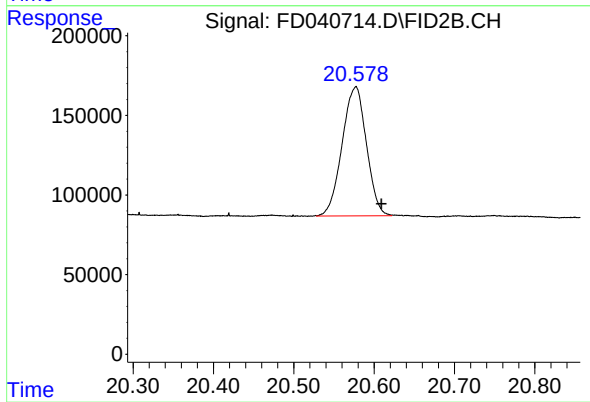
#20 n-Hexatriacontane (C36)

R.T.: 19.084 min
Delta R.T.: -0.022 min
Response: 2007718
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.781 min
Delta R.T.: -0.025 min
Response: 1814064
Conc: 20.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.578 min
Delta R.T.: -0.032 min
Response: 1703896
Conc: 19.93 ug/ml m