

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011922AL\
 Data File : FD040677.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jan 2022 16:09
 Operator : AJ\MA
 Sample : N1182-01MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 OR-2-011822MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/20/2022
 Supervised By :Ankita Jodhani 01/20/2022

Integration File: sample.E
 Quant Time: Jan 20 01:38:15 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)	10.618	4627585	30.013 ug/ml
Spiked Amount 50.000		Recovery =	60.03%
12) S 1-chlorooctadecane (S...	12.057	3910736	33.224 ug/ml
Spiked Amount 50.000		Recovery =	66.45%
Target Compounds			
1) T n-Nonane (C9)	2.570	3807783	29.660 ug/ml
2) T n-Decane (C10)	3.554	4339231	33.698 ug/ml
3) T A~Naphthalene (C11.7)	5.083	5262649	37.042 ug/ml
4) T n-Dodecane (C12)	5.521	5028158	39.340 ug/ml
5) T A~2-methylnaphthalene...	6.124	5428760	38.482 ug/ml
6) T n-Tetradecane (C14)	7.300	5648595	43.605 ug/ml
7) T n-Hexadecane (C16)	8.887	6023405	46.233 ug/ml
8) T n-Octadecane (C18)	10.319	6070285	44.799 ug/ml
10) T n-Eicosane (C20)	11.621	6095394	44.813 ug/ml
11) T n-Heneicosane (C21)	12.229	5906180	42.651 ug/ml
13) T n-Docosane (C22)	12.812	6004050	43.543 ug/ml
14) T n-Tetracosane (C24)	13.909	5698890	40.757 ug/ml
15) T n-Hexacosane (C26)	14.926	5709351	41.419 ug/ml
16) T n-Octacosane (C28)	15.872	6065073	44.699 ug/ml
17) T n-Tricontane (C30)	16.759	5767025	44.247 ug/ml
18) T n-Dotriacontane (C32)	17.590	5523414	46.204 ug/ml
19) T n-Tetratriacontane (C34)	18.373	5903737	56.070 ug/ml
20) T n-Hexatriacontane (C36)	19.112	4768107	47.055 ug/ml
21) T n-Octatriacontane (C38)	19.816	4208252	47.101 ug/ml
22) T n-Tetracontane (C40)	20.627	4333134	50.691 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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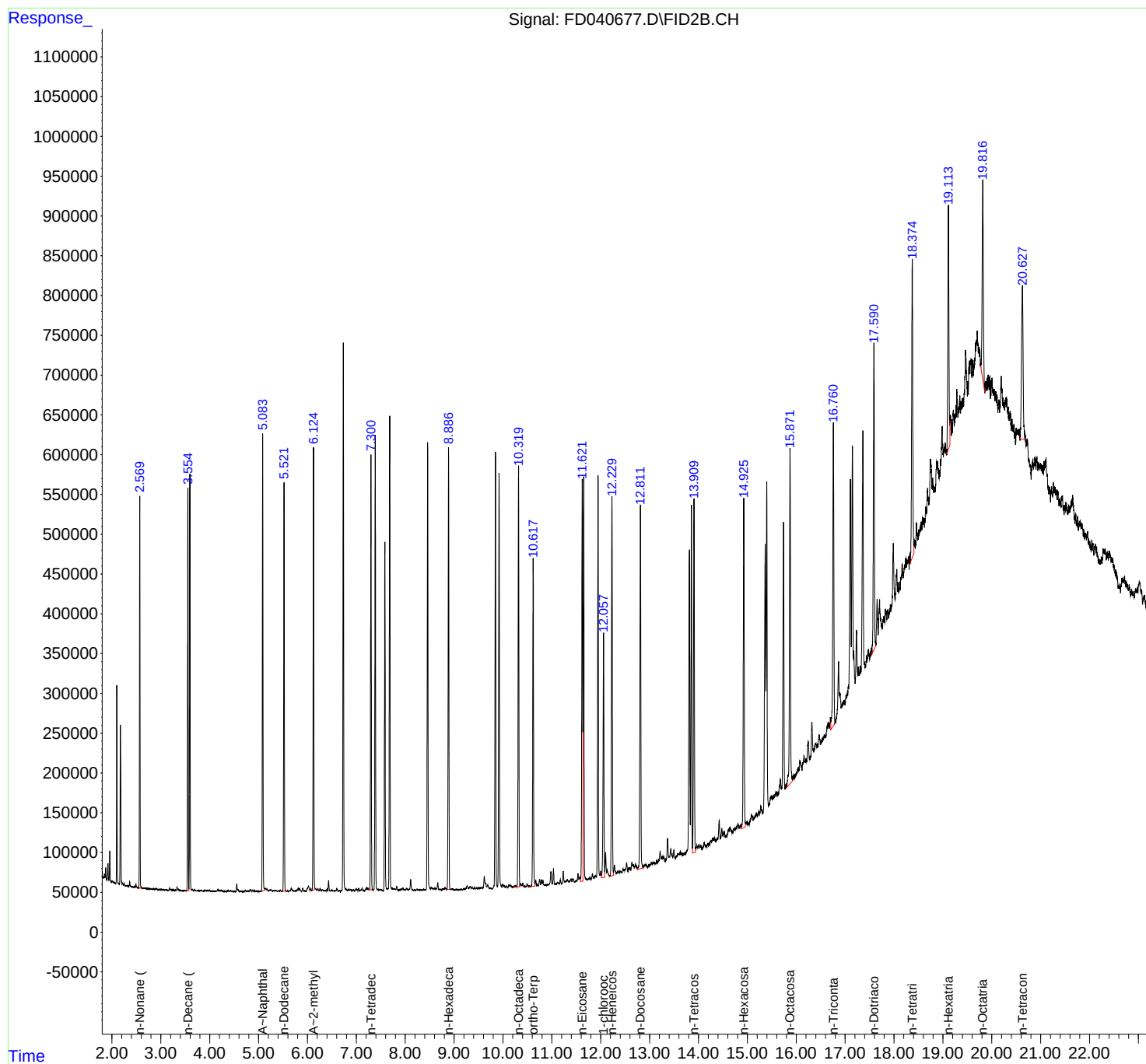
Instrument :
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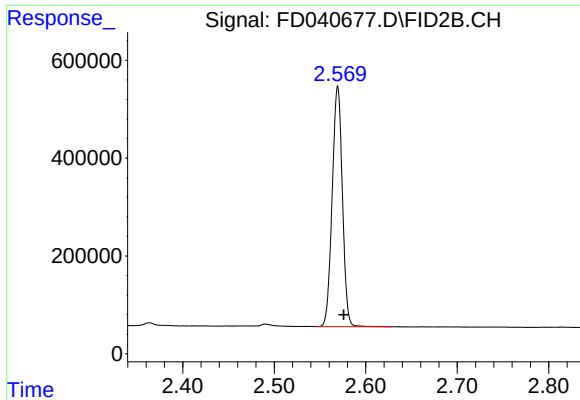
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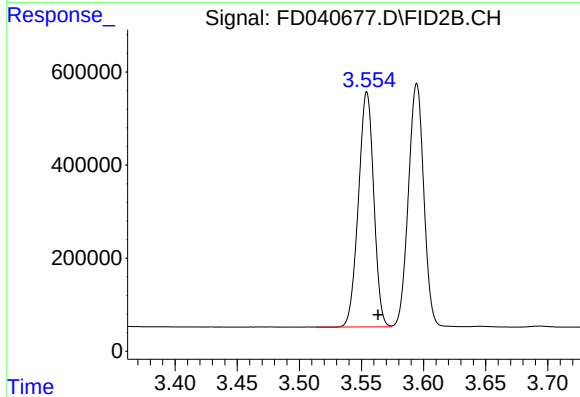
#1 n-Nonane (C9)

R.T.: 2.570 min
Delta R.T.: -0.006 min
Response: 3807783
Conc: 29.66 ug/ml

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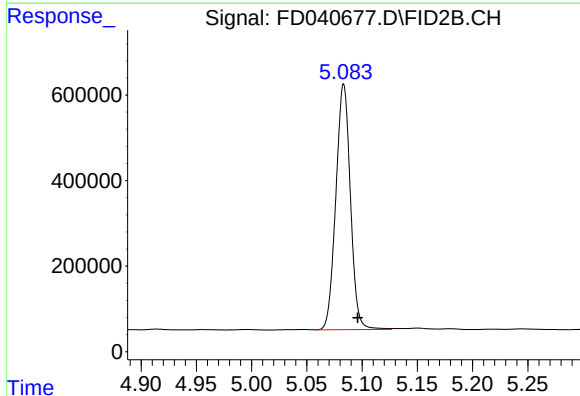
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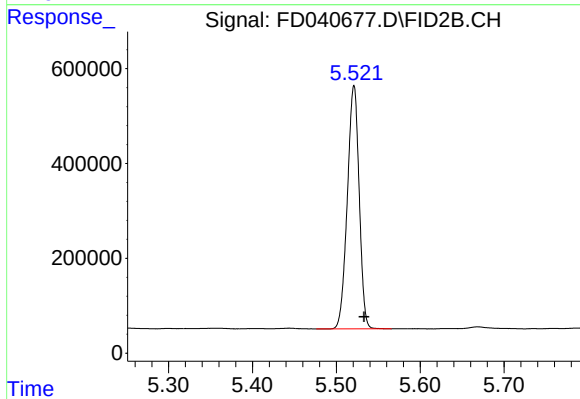
#2 n-Decane (C10)

R.T.: 3.554 min
Delta R.T.: -0.009 min
Response: 4339231
Conc: 33.70 ug/ml



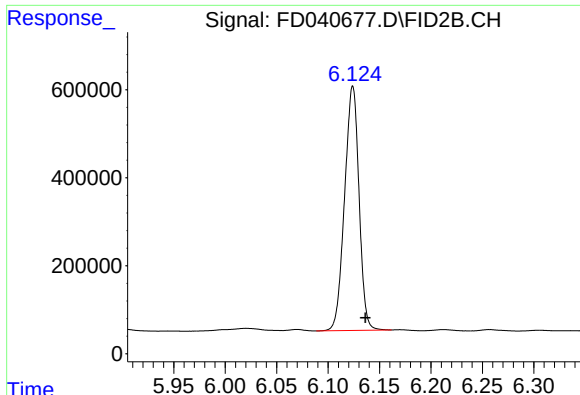
#3 A~Naphthalene (C11.7)

R.T.: 5.083 min
Delta R.T.: -0.013 min
Response: 5262649
Conc: 37.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.521 min
Delta R.T.: -0.012 min
Response: 5028158
Conc: 39.34 ug/ml



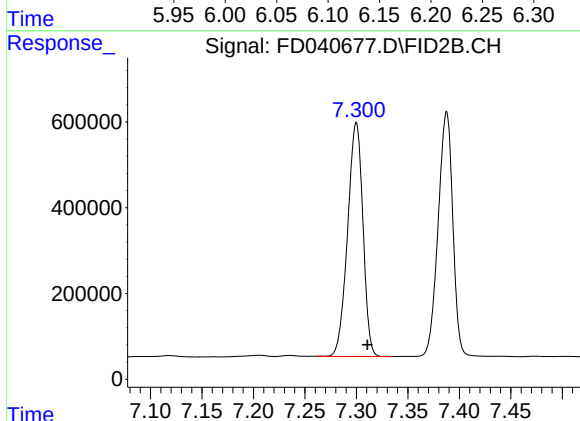
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.124 min
Delta R.T.: -0.012 min
Response: 5428760
Conc: 38.48 ug/ml

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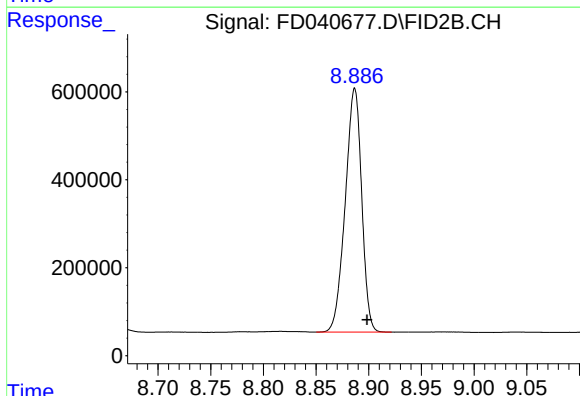
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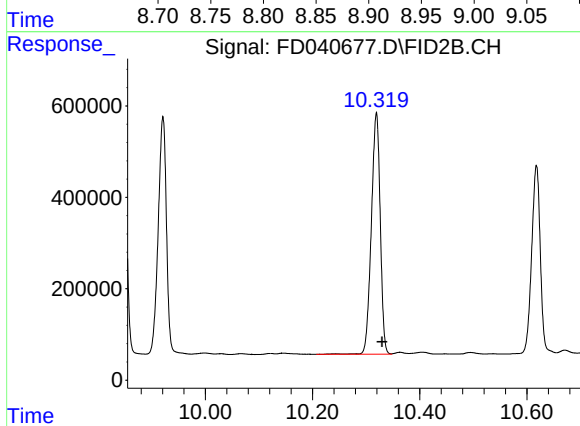
#6 n-Tetradecane (C14)

R.T.: 7.300 min
Delta R.T.: -0.011 min
Response: 5648595
Conc: 43.60 ug/ml



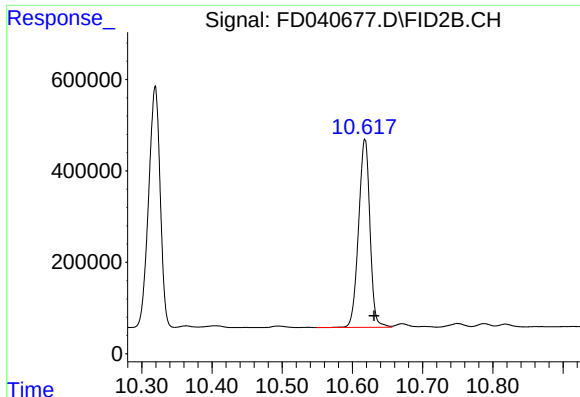
#7 n-Hexadecane (C16)

R.T.: 8.887 min
Delta R.T.: -0.012 min
Response: 6023405
Conc: 46.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.319 min
Delta R.T.: -0.011 min
Response: 6070285
Conc: 44.80 ug/ml



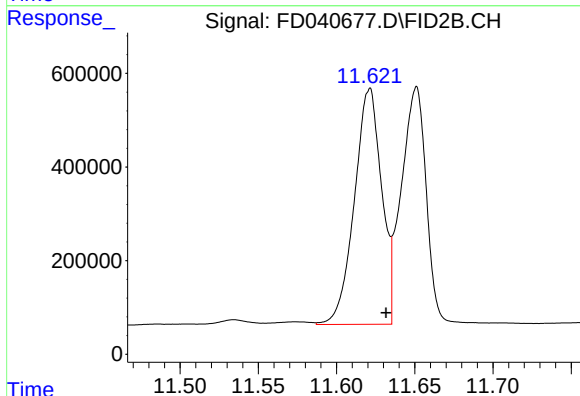
#9 ortho-Terphenyl (SURR)

R.T.: 10.618 min
Delta R.T.: -0.013 min
Response: 4627585
Conc: 30.01 ug/ml

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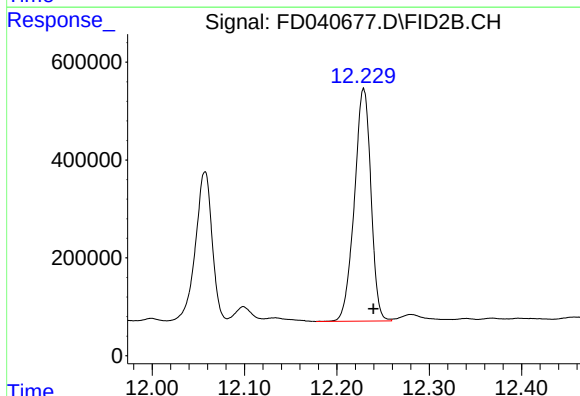
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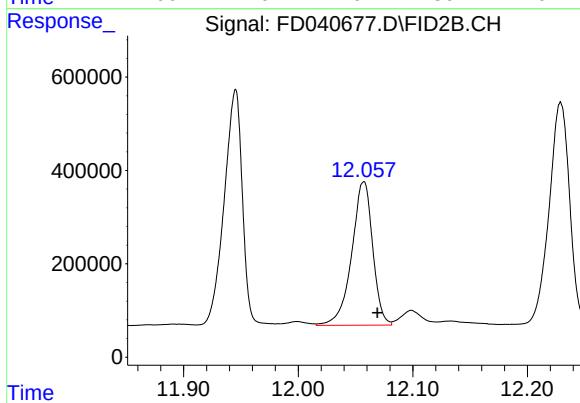
#10 n-Eicosane (C20)

R.T.: 11.621 min
Delta R.T.: -0.010 min
Response: 6095394
Conc: 44.81 ug/ml



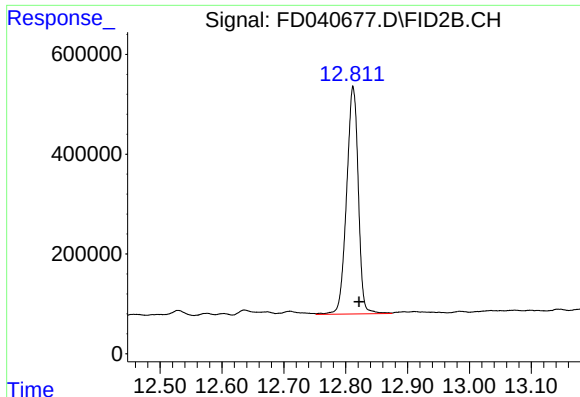
#11 n-Heneicosane (C21)

R.T.: 12.229 min
Delta R.T.: -0.011 min
Response: 5906180
Conc: 42.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.057 min
Delta R.T.: -0.012 min
Response: 3910736
Conc: 33.22 ug/ml



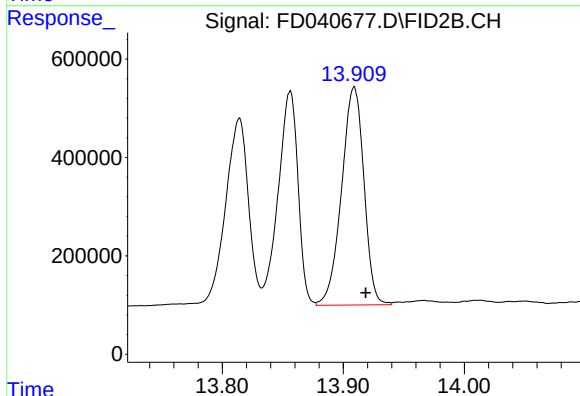
#13 n-Docosane (C22)

R.T.: 12.812 min
Delta R.T.: -0.010 min
Response: 6004050
Conc: 43.54 ug/ml

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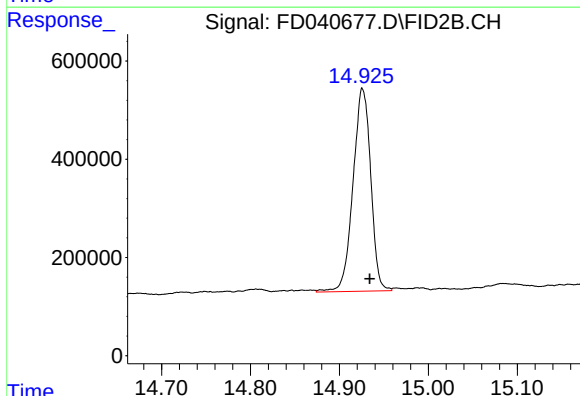
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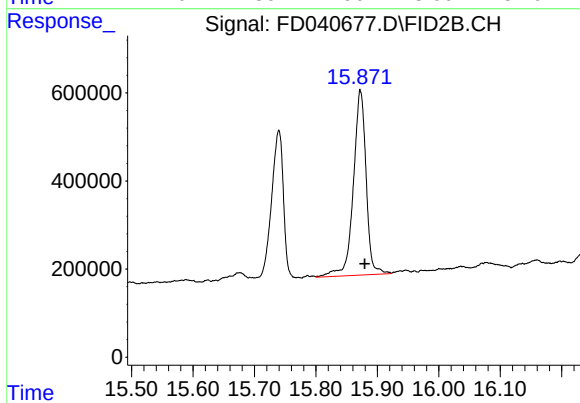
#14 n-Tetracosane (C24)

R.T.: 13.909 min
Delta R.T.: -0.010 min
Response: 5698890
Conc: 40.76 ug/ml



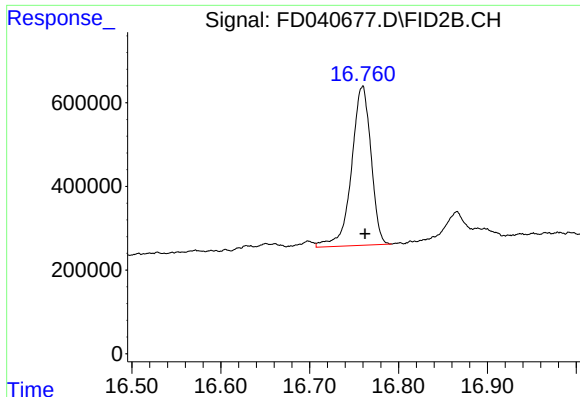
#15 n-Hexacosane (C26)

R.T.: 14.926 min
Delta R.T.: -0.008 min
Response: 5709351
Conc: 41.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.872 min
Delta R.T.: -0.007 min
Response: 6065073
Conc: 44.70 ug/ml



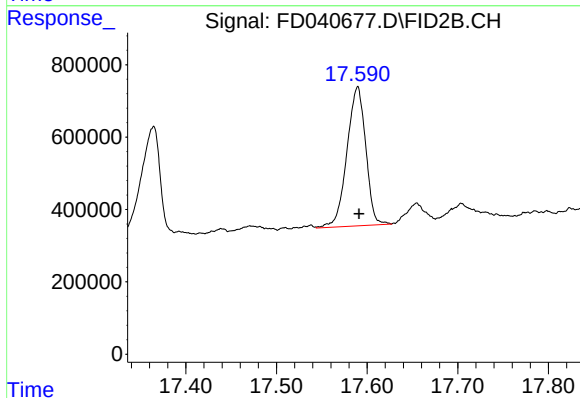
#17 n-Tricontane (C30)

R.T.: 16.759 min
Delta R.T.: -0.003 min
Response: 5767025
Conc: 44.25 ug/ml

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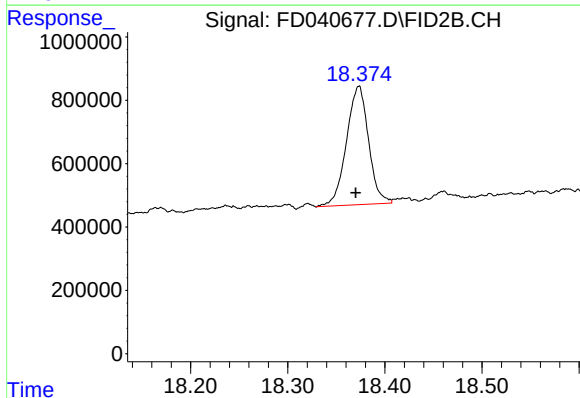
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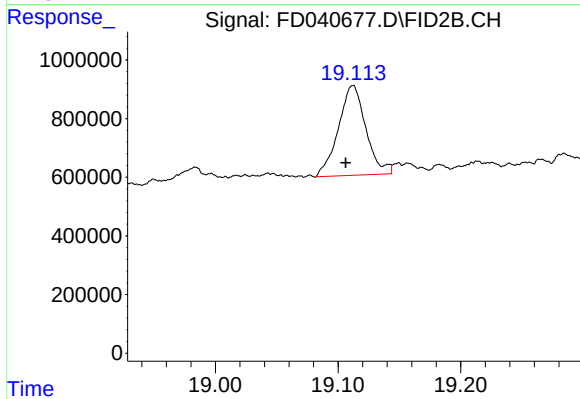
#18 n-Dotriacontane (C32)

R.T.: 17.590 min
Delta R.T.: -0.002 min
Response: 5523414
Conc: 46.20 ug/ml



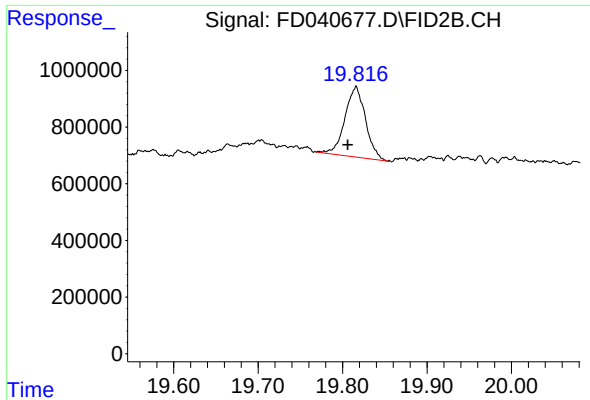
#19 n-Tetratriacontane (C34)

R.T.: 18.373 min
Delta R.T.: 0.003 min
Response: 5903737
Conc: 56.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.112 min
Delta R.T.: 0.006 min
Response: 4768107
Conc: 47.05 ug/ml



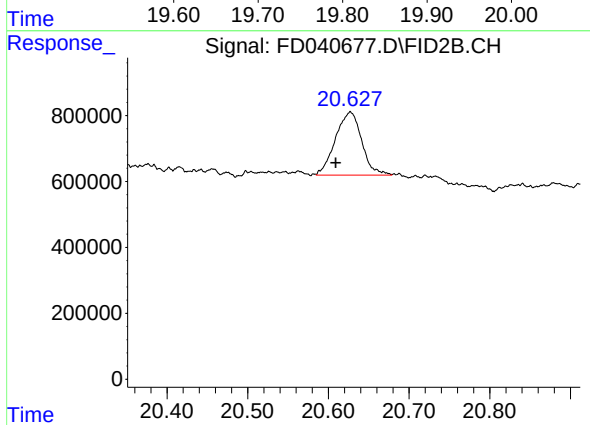
#21 n-Octatriacontane (C38)

R.T.: 19.816 min
Delta R.T.: 0.010 min
Response: 4208252
Conc: 47.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.627 min
Delta R.T.: 0.018 min
Response: 4333134
Conc: 50.69 ug/ml m