

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062521AL\
 Data File : FD037987.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jun 2021 16:00
 Operator : DD\AJ
 Sample : M2813-01MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

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 6/28/2021 12:56:55 PM

Integration File: sample.E
 Quant Time: Jun 26 00:13:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:11:15 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)	11.460	5634120	39.700 ug/mlm
Spiked Amount 50.000		Recovery =	79.40%
12) S 1-chlorooctadecane (S...	12.881	5016759	44.997 ug/mlm
Spiked Amount 50.000		Recovery =	89.99%
Target Compounds			
1) T n-Nonane (C9)	3.268	6948203	57.468 ug/ml
2) T n-Decane (C10)	4.313	8130135	66.327 ug/ml
3) T A~Naphthalene (C11.7)	5.877	9051636	67.122 ug/mlm
4) T n-Dodecane (C12)	6.316	10339926	84.224 ug/mlm
5) T A~2-methylnaphthalene...	6.937	17784186	131.337 ug/mlm
6) T n-Tetradecane (C14)	8.117	8923333	71.108 ug/mlm
7) T n-Hexadecane (C16)	9.714	13113178	102.458 ug/mlm
8) T n-Octadecane (C18)	11.151	7738166	58.560 ug/mlm
10) T n-Eicosane (C20)	12.448	12570880	95.248 ug/mlm
11) T n-Heneicosane (C21)	13.050	8400791	63.307 ug/mlm
13) T n-Docosane (C22)	13.627	7862139	59.965 ug/mlm
14) T n-Tetracosane (C24)	14.716	5168363	39.606 ug/ml
15) T n-Hexacosane (C26)	15.731	6060110	47.748 ug/ml
16) T n-Octacosane (C28)	16.673	5717260	46.075 ug/ml
17) T n-Tricontane (C30)	17.557	5439745	45.209 ug/ml
18) T n-Dotriacontane (C32)	18.383	5342960	46.680 ug/ml
19) T n-Tetratriacontane (C34)	19.162	5296105	48.998 ug/ml
20) T n-Hexatriacontane (C36)	19.897	5296581	53.037 ug/ml
21) T n-Octatriacontane (C38)	20.603	5270466	57.378 ug/ml
22) T n-Tetracontane (C40)	21.434	5459800	57.399 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 57 Sample Multiplier: 1

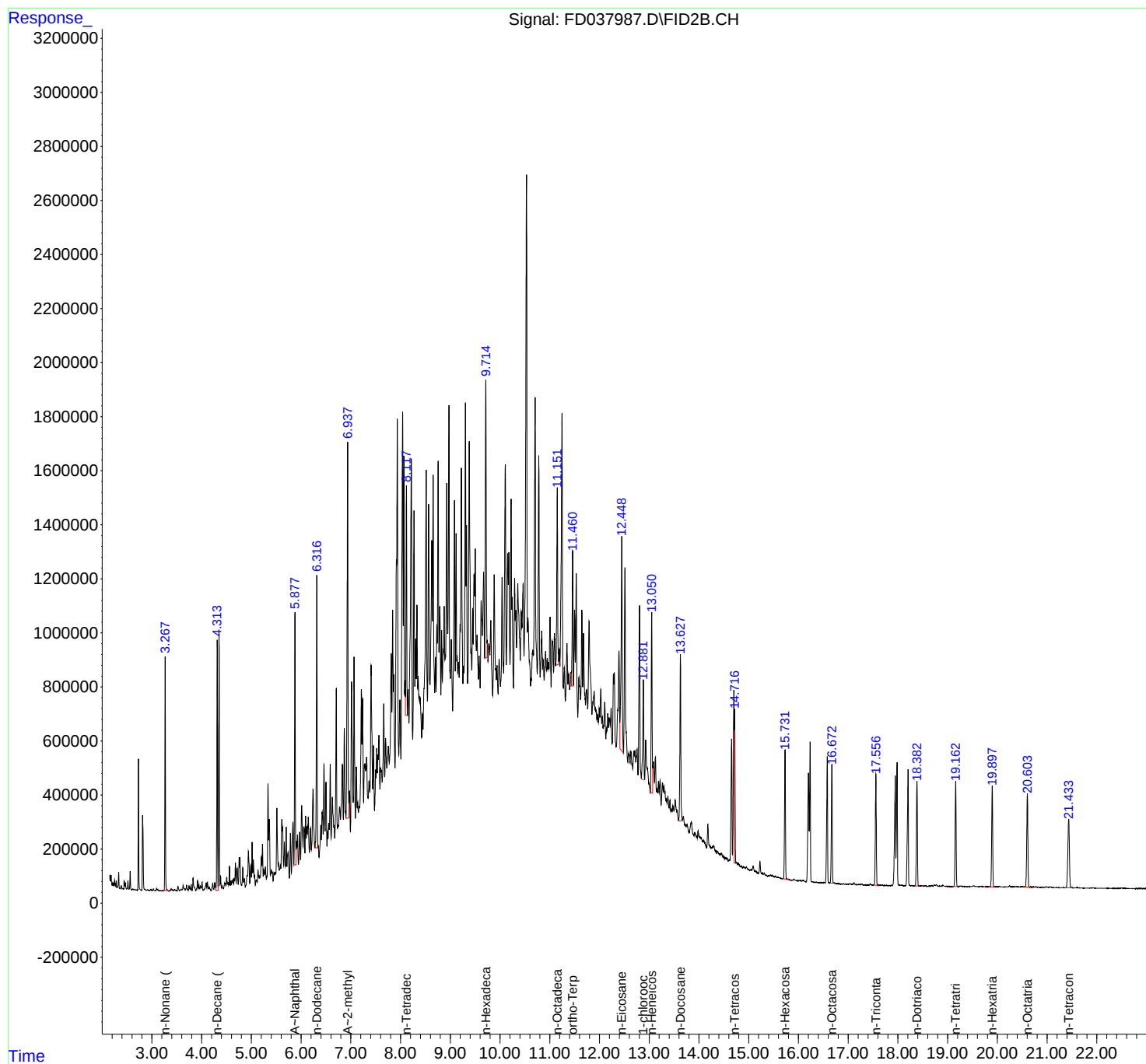
Instrument :
FID_D
ClientSampled :
WASTEMS

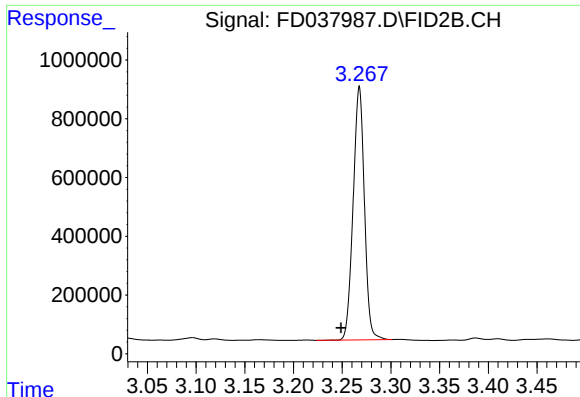
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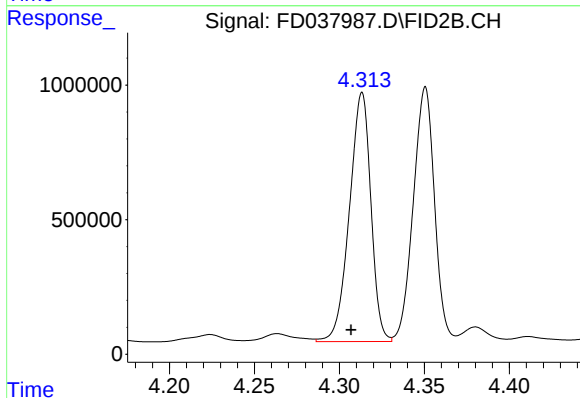
#1 n-Nonane (C9)

R.T.: 3.268 min
Delta R.T.: 0.019 min
Response: 6948203
Conc: 57.47 ug/ml

Instrument :
FID_D
ClientSampleId :
WASTEMS

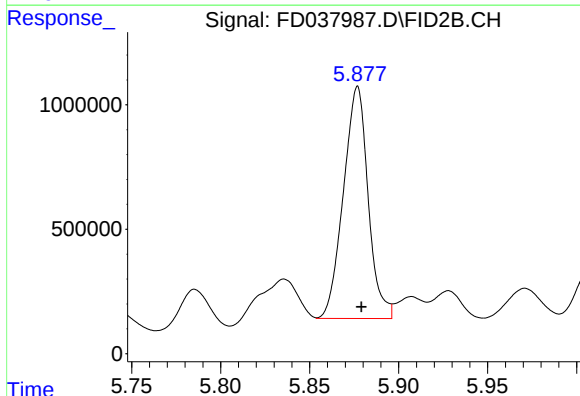
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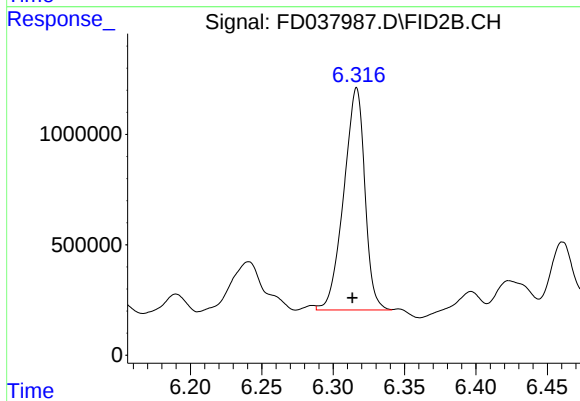
#2 n-Decane (C10)

R.T.: 4.313 min
Delta R.T.: 0.007 min
Response: 8130135
Conc: 66.33 ug/ml



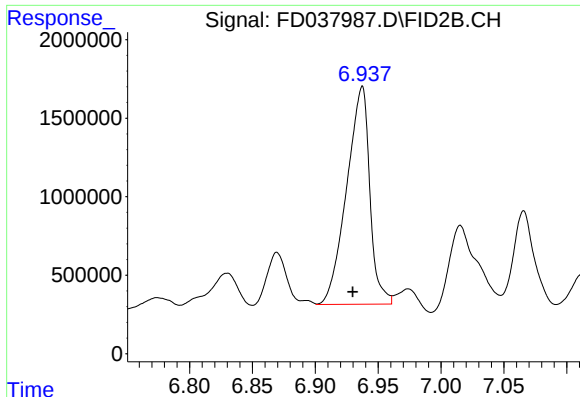
#3 A~Naphthalene (C11.7)

R.T.: 5.877 min
Delta R.T.: -0.002 min
Response: 9051636
Conc: 67.12 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.316 min
Delta R.T.: 0.003 min
Response: 10339926
Conc: 84.22 ug/ml m



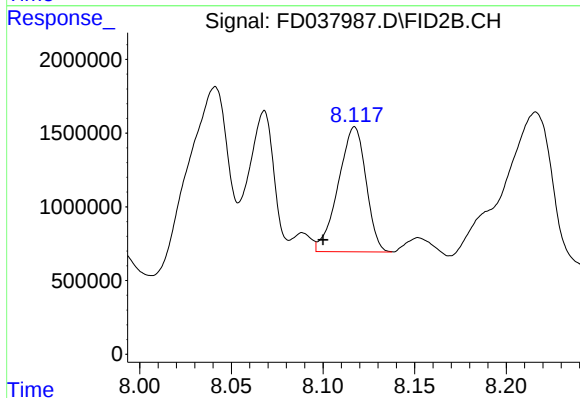
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: 0.007 min
Response: 17784186
Conc: 131.34 ug/ml m

Instrument :
FID_D
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WASTEMS

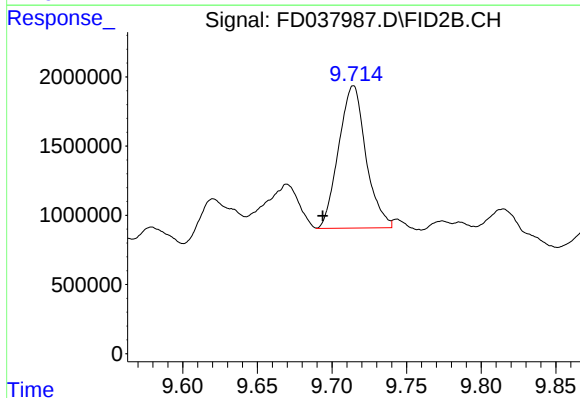
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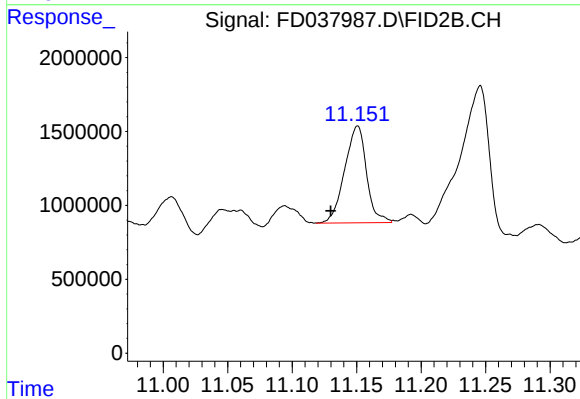
#6 n-Tetradecane (C14)

R.T.: 8.117 min
Delta R.T.: 0.017 min
Response: 8923333
Conc: 71.11 ug/ml m



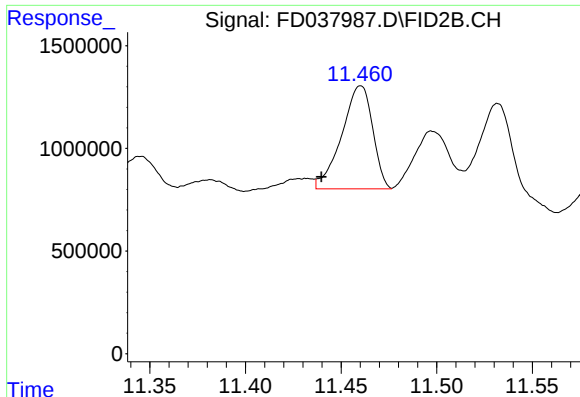
#7 n-Hexadecane (C16)

R.T.: 9.714 min
Delta R.T.: 0.021 min
Response: 13113178
Conc: 102.46 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.151 min
Delta R.T.: 0.021 min
Response: 7738166
Conc: 58.56 ug/ml m



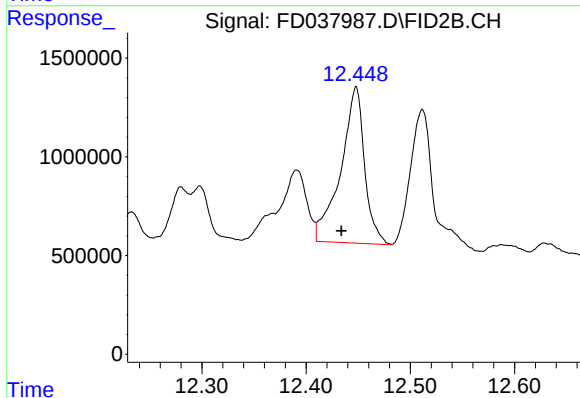
#9 ortho-Terphenyl (SURR)

R.T.: 11.460 min
Delta R.T.: 0.020 min
Response: 5634120
Conc: 39.70 ug/ml m

Instrument :
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WASTEMS

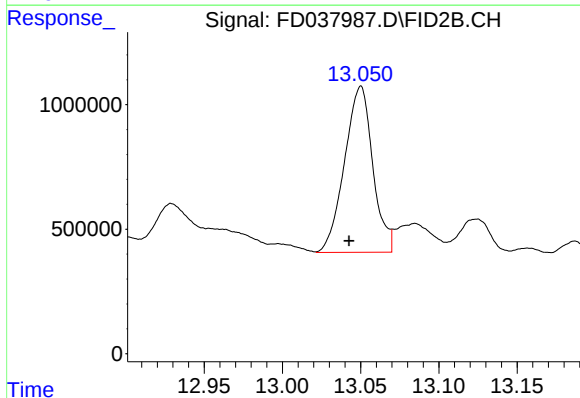
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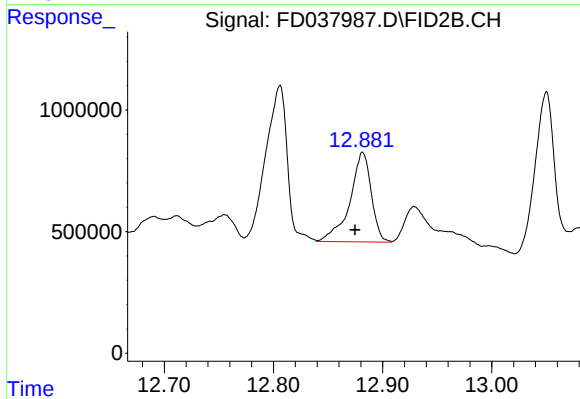
#10 n-Eicosane (C20)

R.T.: 12.448 min
Delta R.T.: 0.014 min
Response: 12570880
Conc: 95.25 ug/ml m



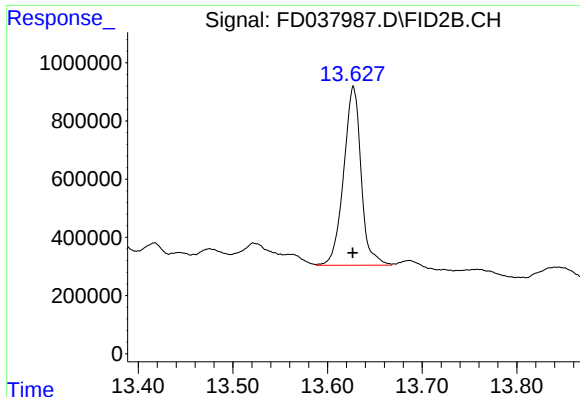
#11 n-Heneicosane (C21)

R.T.: 13.050 min
Delta R.T.: 0.008 min
Response: 8400791
Conc: 63.31 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.881 min
Delta R.T.: 0.006 min
Response: 5016759
Conc: 45.00 ug/ml m



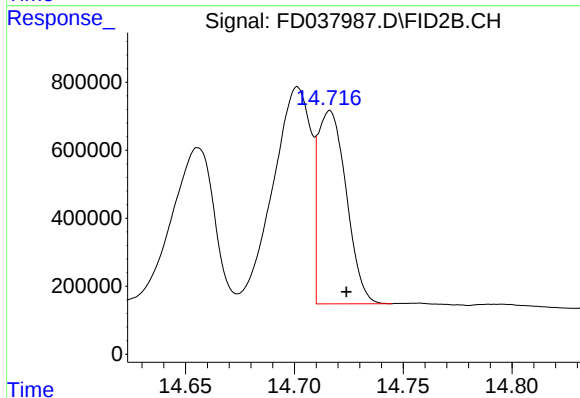
#13 n-Docosane (C22)

R.T.: 13.627 min
Delta R.T.: 0.000 min
Response: 7862139
Conc: 59.97 ug/ml m

Instrument :
FID_D
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WASTEMS

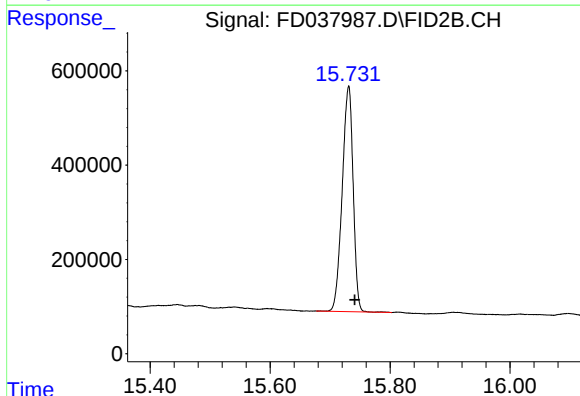
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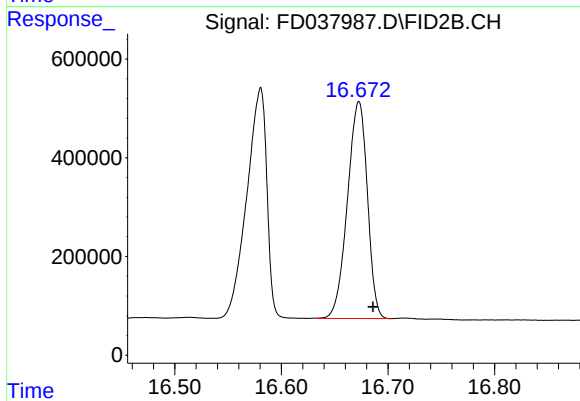
#14 n-Tetracosane (C24)

R.T.: 14.716 min
Delta R.T.: -0.008 min
Response: 5168363
Conc: 39.61 ug/ml



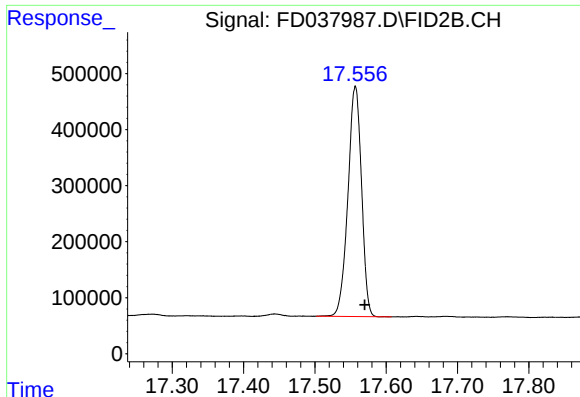
#15 n-Hexacosane (C26)

R.T.: 15.731 min
Delta R.T.: -0.010 min
Response: 6060110
Conc: 47.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.673 min
Delta R.T.: -0.013 min
Response: 5717260
Conc: 46.08 ug/ml



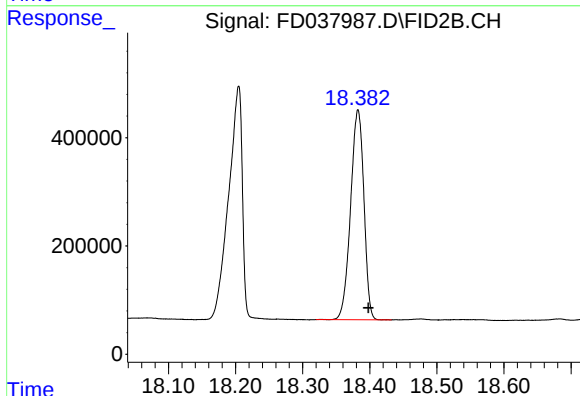
#17 n-Tricontane (C30)

R.T.: 17.557 min
Delta R.T.: -0.013 min
Response: 5439745
Conc: 45.21 ug/ml

Instrument :
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WASTEMS

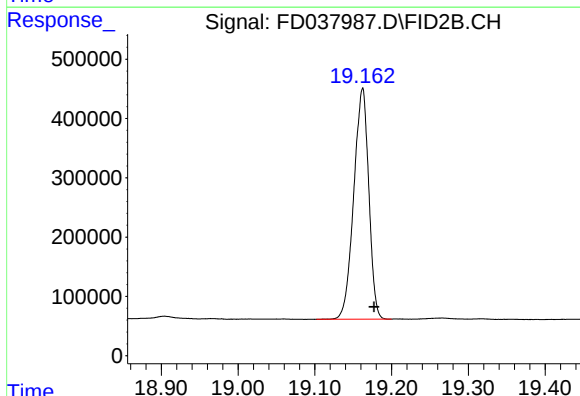
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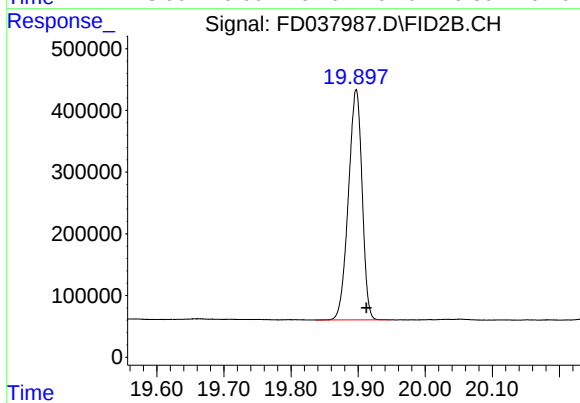
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: -0.015 min
Response: 5342960
Conc: 46.68 ug/ml



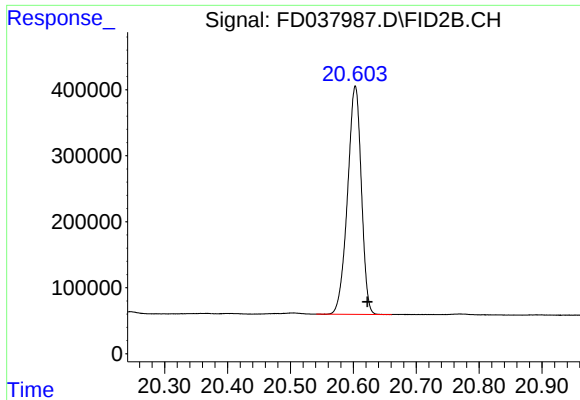
#19 n-Tetratriacontane (C34)

R.T.: 19.162 min
Delta R.T.: -0.015 min
Response: 5296105
Conc: 49.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.897 min
Delta R.T.: -0.015 min
Response: 5296581
Conc: 53.04 ug/ml



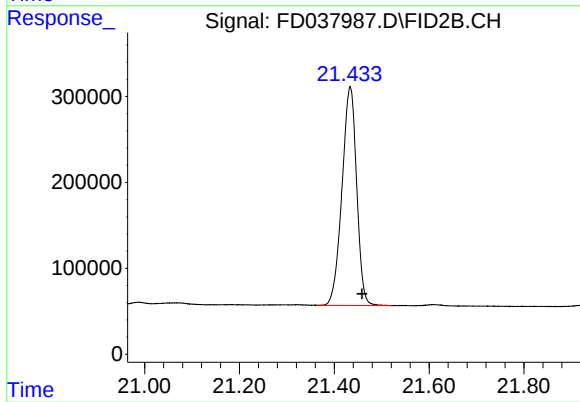
#21 n-Octatriacontane (C38)

R.T.: 20.603 min
Delta R.T.: -0.019 min
Response: 5270466
Conc: 57.38 ug/ml

Instrument :
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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.434 min
Delta R.T.: -0.025 min
Response: 5459800
Conc: 57.40 ug/ml