

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030519AL\
 Data File : FD028105.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2019 16:27
 Operator : AJ\SJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Sohil
 3/6/2019 5:03:58 PM

Integration File: autoint1.e
 Quant Time: Mar 06 03:26:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:23:47 2019
 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)	11.201	757376	5.496 ug/ml
Spiked Amount 50.000		Recovery =	10.99%
12) S 1-chlorooctadecane (S...	12.645	587052	5.511 ug/ml
Spiked Amount 50.000		Recovery =	11.02%
Target Compounds			
1) T n-Nonane (C9)	3.049	510332	5.612 ug/ml
2) T n-Decane (C10)	4.104	517851	5.595 ug/ml
3) T A~Naphthalene (C11.7)	5.658	576949	5.483 ug/ml
4) T n-Dodecane (C12)	6.108	517338	5.516 ug/ml
5) T A~2-methylnaphthalene...	6.705	574793	5.381 ug/ml
6) T n-Tetradecane (C14)	7.889	530082	5.481 ug/ml
7) T n-Hexadecane (C16)	9.478	547776	5.470 ug/ml
8) T n-Octadecane (C18)	10.909	583602	5.597 ug/ml
10) T n-Eicosane (C20)	12.209	591332	5.540 ug/ml
11) T n-Heneicosane (C21)	12.817	581690	5.514 ug/ml
13) T n-Docosane (C22)	13.398	589874	5.567 ug/ml
14) T n-Tetracosane (C24)	14.493	584976	5.576 ug/ml
15) T n-Hexacosane (C26)	15.507	578158	5.665 ug/ml
16) T n-Octacosane (C28)	16.449	579873	5.887 ug/ml
17) T n-Tricontane (C30)	17.331	561457	6.010 ug/ml
18) T n-Dotriacontane (C32)	18.158	504355	5.913 ug/ml
19) T n-Tetratriacontane (C34)	18.935	431820	5.866 ug/ml
20) T n-Hexatriacontane (C36)	19.669	361237	5.648 ug/ml
21) T n-Octatriacontane (C38)	20.365	339815	5.725 ug/ml
22) T n-Tetracontane (C40)	21.129	332710	5.690 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030519AL\
Data File : FD028105.D
Signal(s) : FID2B.CH
Acq On : 05 Mar 2019 16:27
Operator : AJ\SJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 56 Sample Multiplier: 1

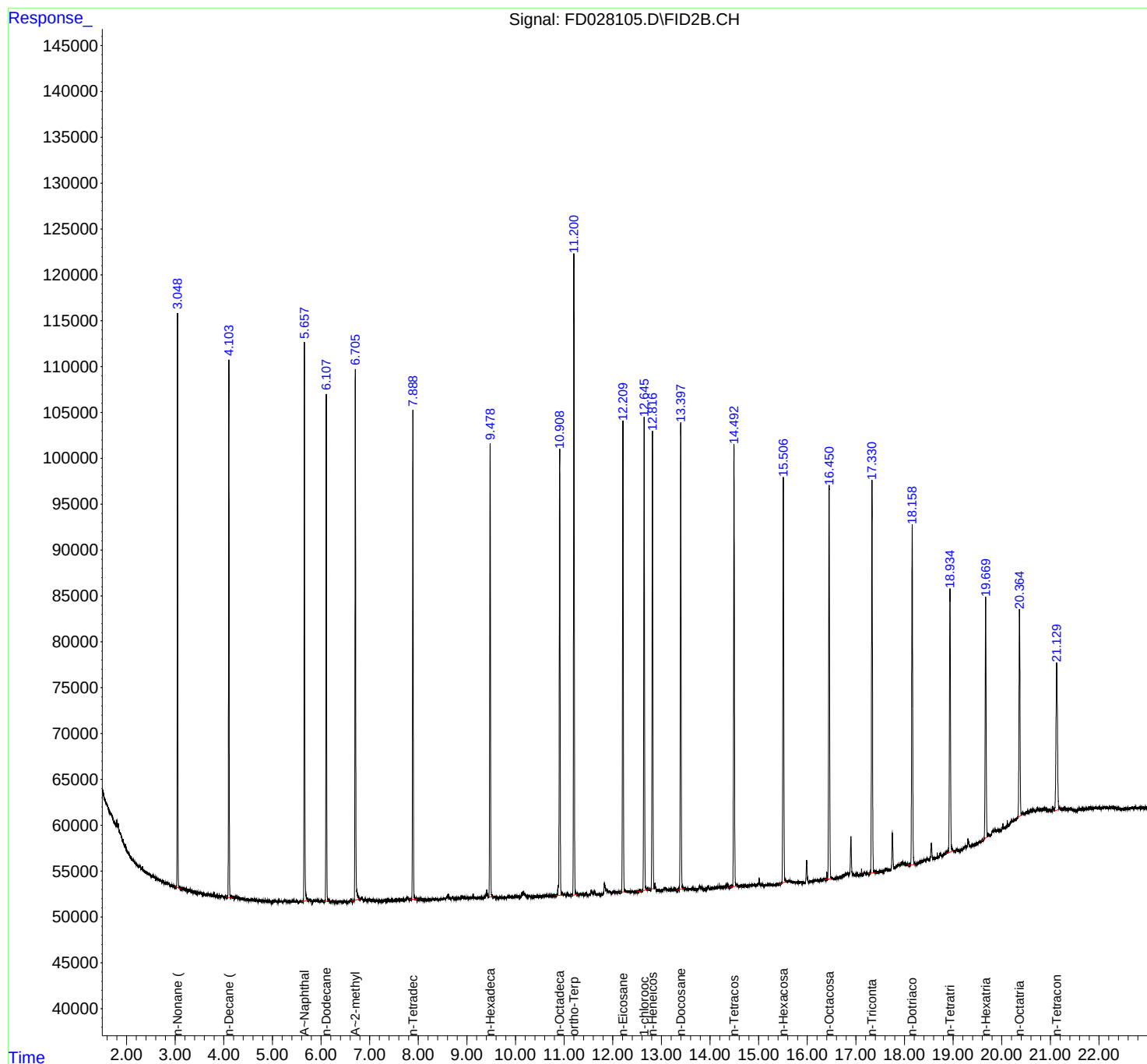
Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

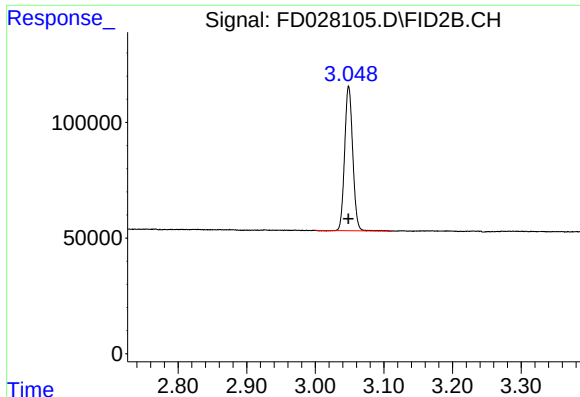
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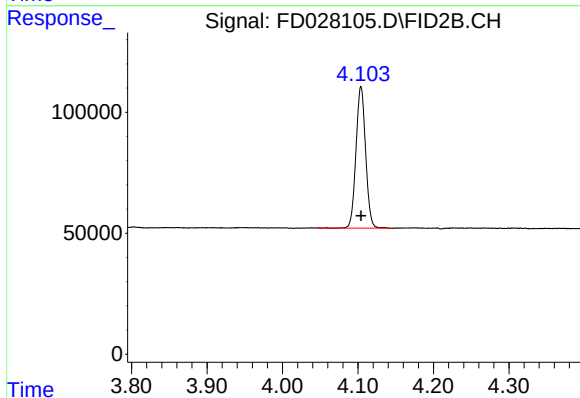
#1 n-Nonane (C9)

R.T.: 3.049 min
Delta R.T.: 0.000 min
Response: 510332
Conc: 5.61 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

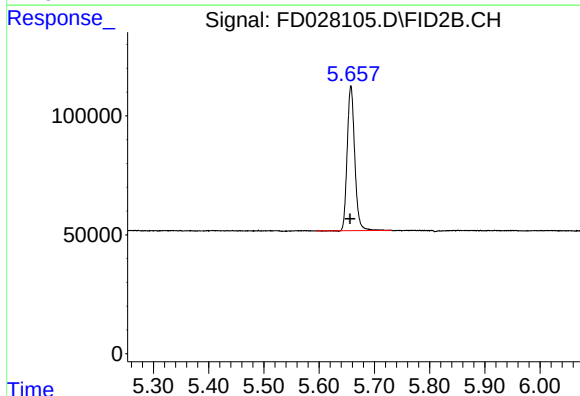
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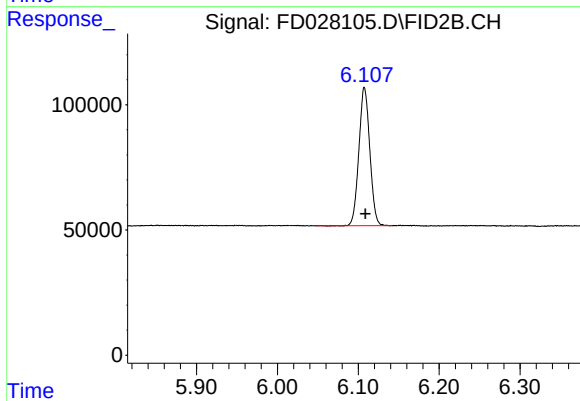
#2 n-Decane (C10)

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 517851
Conc: 5.60 ug/ml



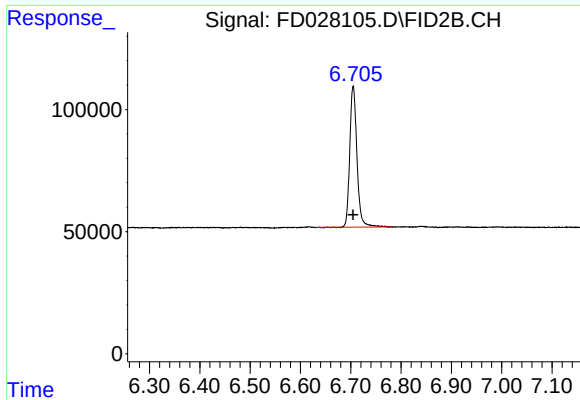
#3 A~Naphthalene (C11.7)

R.T.: 5.658 min
Delta R.T.: 0.002 min
Response: 576949
Conc: 5.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 517338
Conc: 5.52 ug/ml



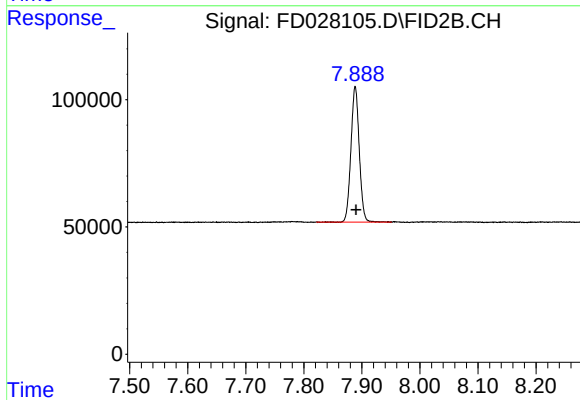
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 574793
Conc: 5.38 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

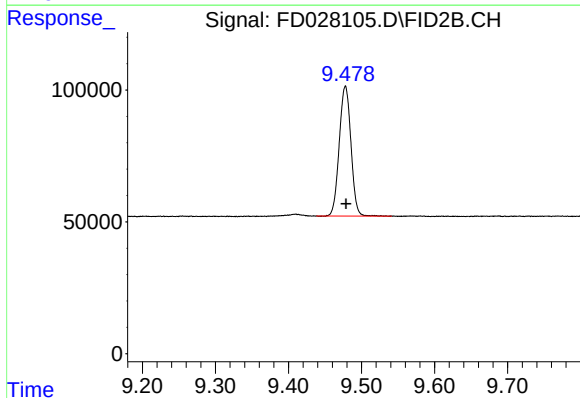
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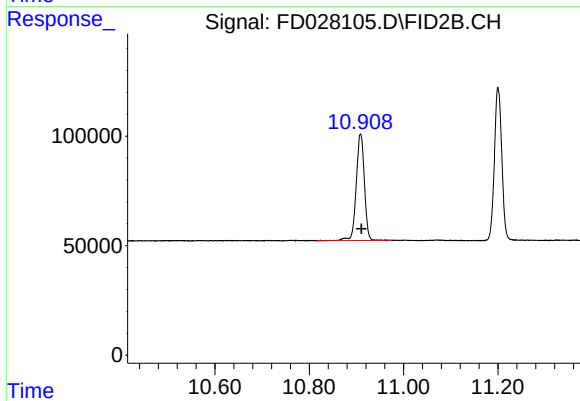
#6 n-Tetradecane (C14)

R.T.: 7.889 min
Delta R.T.: -0.002 min
Response: 530082
Conc: 5.48 ug/ml



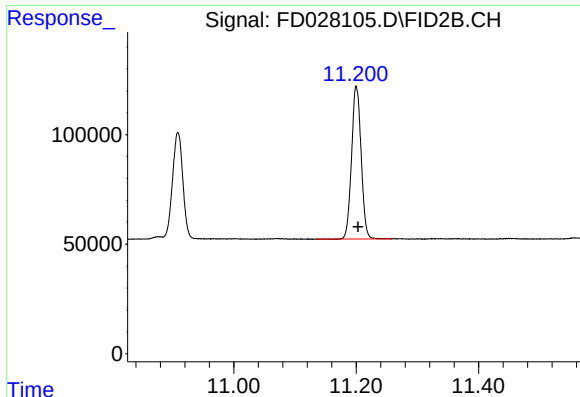
#7 n-Hexadecane (C16)

R.T.: 9.478 min
Delta R.T.: -0.001 min
Response: 547776
Conc: 5.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.909 min
Delta R.T.: -0.001 min
Response: 583602
Conc: 5.60 ug/ml



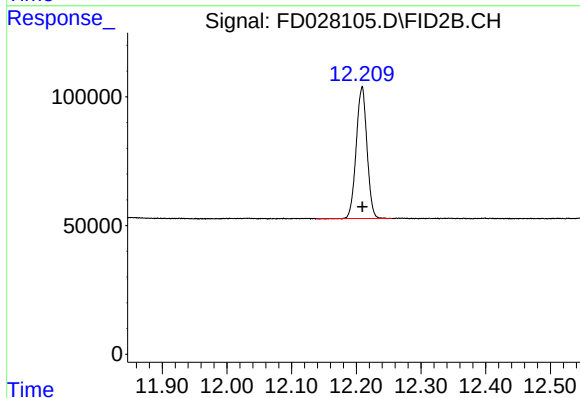
#9 ortho-Terphenyl (SURR)

R.T.: 11.201 min
Delta R.T.: -0.003 min
Response: 757376
Conc: 5.50 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

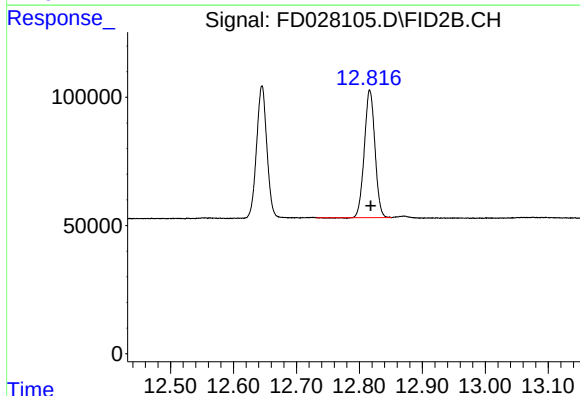
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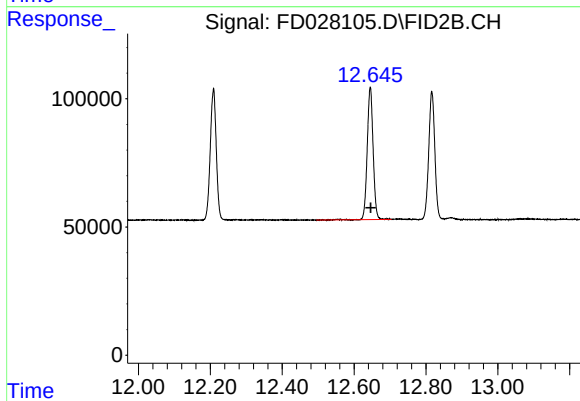
#10 n-Eicosane (C20)

R.T.: 12.209 min
Delta R.T.: -0.001 min
Response: 591332
Conc: 5.54 ug/ml



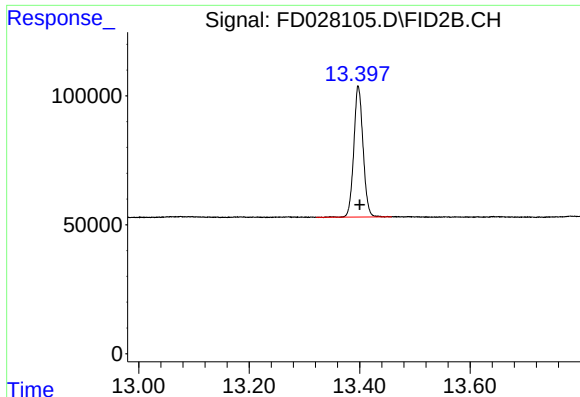
#11 n-Heneicosane (C21)

R.T.: 12.817 min
Delta R.T.: -0.001 min
Response: 581690
Conc: 5.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.645 min
Delta R.T.: -0.002 min
Response: 587052
Conc: 5.51 ug/ml



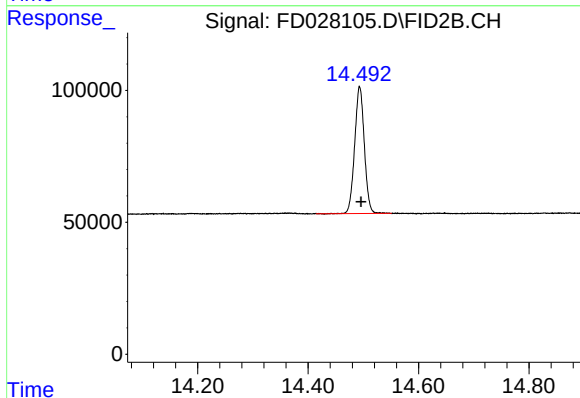
#13 n-Docosane (C22)

R.T.: 13.398 min
Delta R.T.: -0.002 min
Response: 589874
Conc: 5.57 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

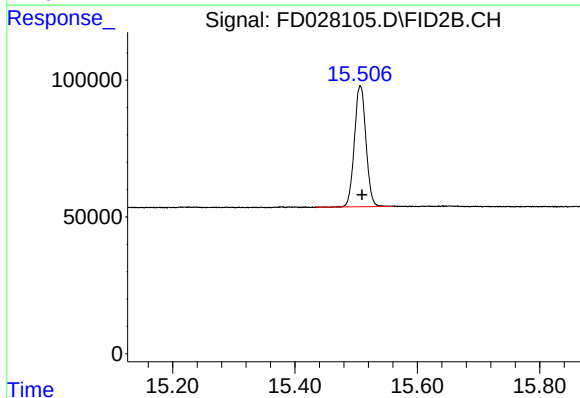
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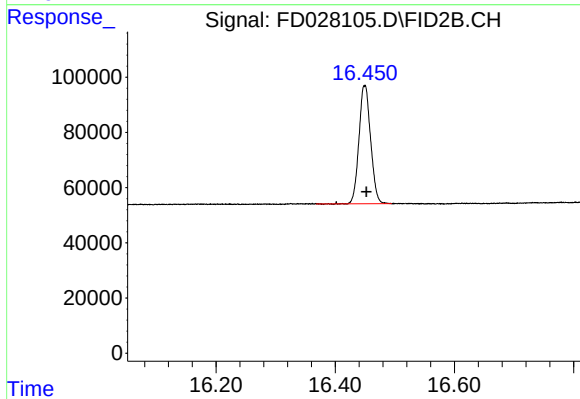
#14 n-Tetracosane (C24)

R.T.: 14.493 min
Delta R.T.: -0.003 min
Response: 584976
Conc: 5.58 ug/ml



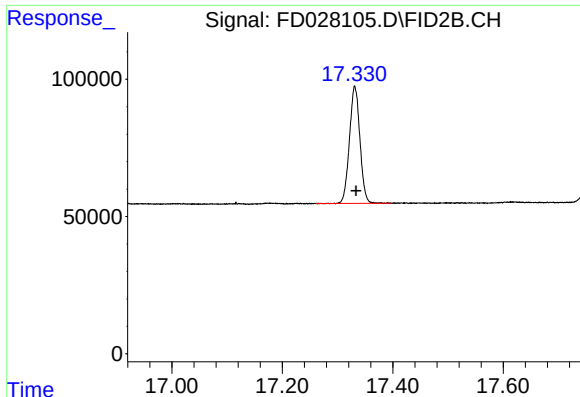
#15 n-Hexacosane (C26)

R.T.: 15.507 min
Delta R.T.: -0.003 min
Response: 578158
Conc: 5.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.449 min
Delta R.T.: -0.003 min
Response: 579873
Conc: 5.89 ug/ml



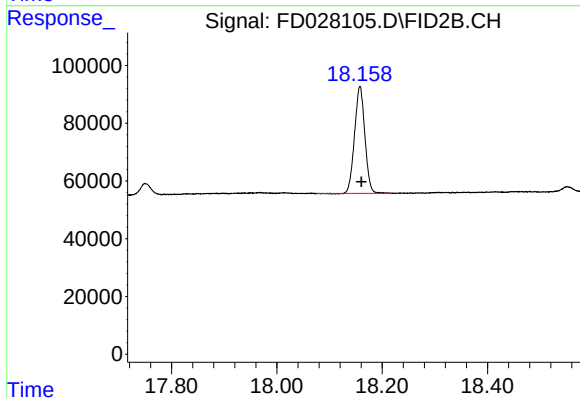
#17 n-Tricontane (C30)

R.T.: 17.331 min
Delta R.T.: -0.002 min
Response: 561457
Conc: 6.01 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

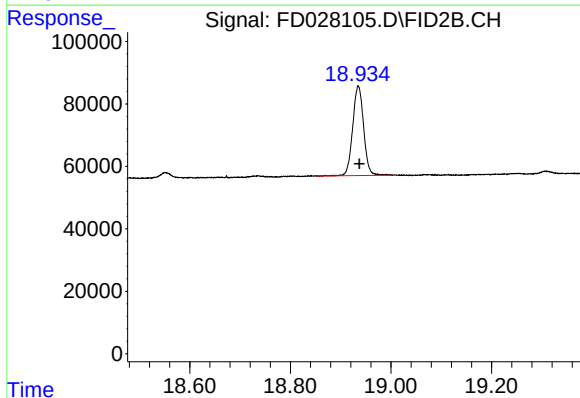
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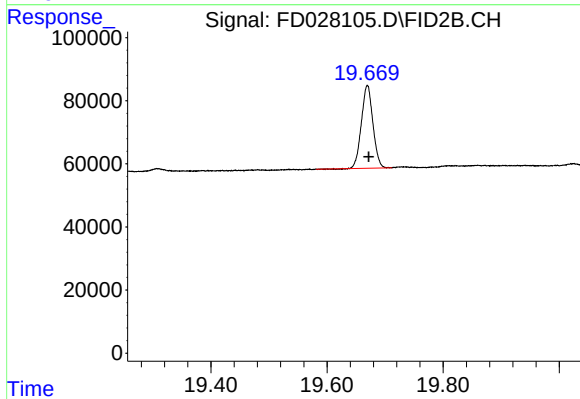
#18 n-Dotriacontane (C32)

R.T.: 18.158 min
Delta R.T.: -0.003 min
Response: 504355
Conc: 5.91 ug/ml



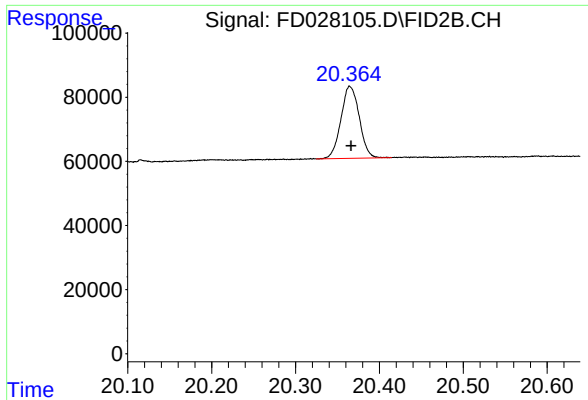
#19 n-Tetratriacontane (C34)

R.T.: 18.935 min
Delta R.T.: -0.002 min
Response: 431820
Conc: 5.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.669 min
Delta R.T.: -0.003 min
Response: 361237
Conc: 5.65 ug/ml



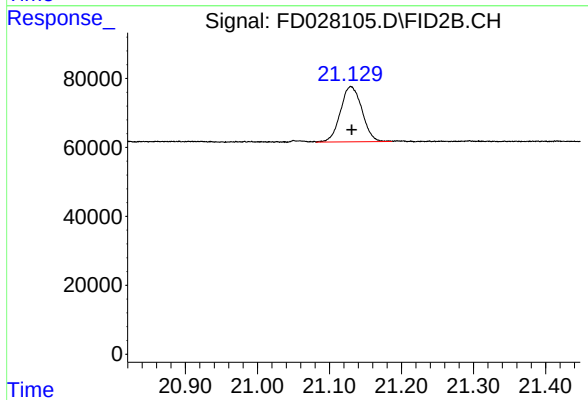
#21 n-Octatriacontane (C38)

R.T.: 20.365 min
Delta R.T.: 0.000 min
Response: 339815
Conc: 5.72 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

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#22 n-Tetracontane (C40)

R.T.: 21.129 min
Delta R.T.: -0.002 min
Response: 332710
Conc: 5.69 ug/ml m