

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071421AL\
 Data File : FD038199.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jul 2021 22:58
 Operator : DD\AJ
 Sample : M3028-04MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 2MS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jul 15 04:44:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.417	2724809	18.850 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
12) S 1-chlorooctadecane (S...	12.852	2066047	18.122 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
Target Compounds			
1) T n-Nonane (C9)	3.248	5730034	47.155 ug/ml
2) T n-Decane (C10)	4.299	6386907	52.218 ug/ml
3) T A~Naphthalene (C11.7)	5.863	7246503	53.010 ug/ml
4) T n-Dodecane (C12)	6.298	6815336	54.719 ug/ml
5) T A~2-methylnaphthalene...	6.913	6913902	50.195 ug/ml
6) T n-Tetradecane (C14)	8.084	7110571	55.322 ug/ml
7) T n-Hexadecane (C16)	9.675	6877367	53.072 ug/ml
8) T n-Octadecane (C18)	11.111	7050692	52.354 ug/ml
10) T n-Eicosane (C20)	12.416	6647818	49.493 ug/ml
11) T n-Heneicosane (C21)	13.024	7058059	51.951 ug/ml
13) T n-Docosane (C22)	13.607	6544254	48.638 ug/ml
14) T n-Tetracosane (C24)	14.704	4689746	34.731 ug/ml
15) T n-Hexacosane (C26)	15.724	6188457	46.970 ug/ml
16) T n-Octacosane (C28)	16.668	6243649	47.885 ug/ml
17) T n-Tricontane (C30)	17.555	6417987	50.221 ug/ml
18) T n-Dotriacontane (C32)	18.382	6245689	50.759 ug/ml
19) T n-Tetratriacontane (C34)	19.164	6047757	51.645 ug/ml
20) T n-Hexatriacontane (C36)	19.902	5736318	52.527 ug/ml
21) T n-Octatriacontane (C38)	20.610	5517441	54.781 ug/mlm
22) T n-Tetracontane (C40)	21.446	6379559	65.227 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 65 Sample Multiplier: 1

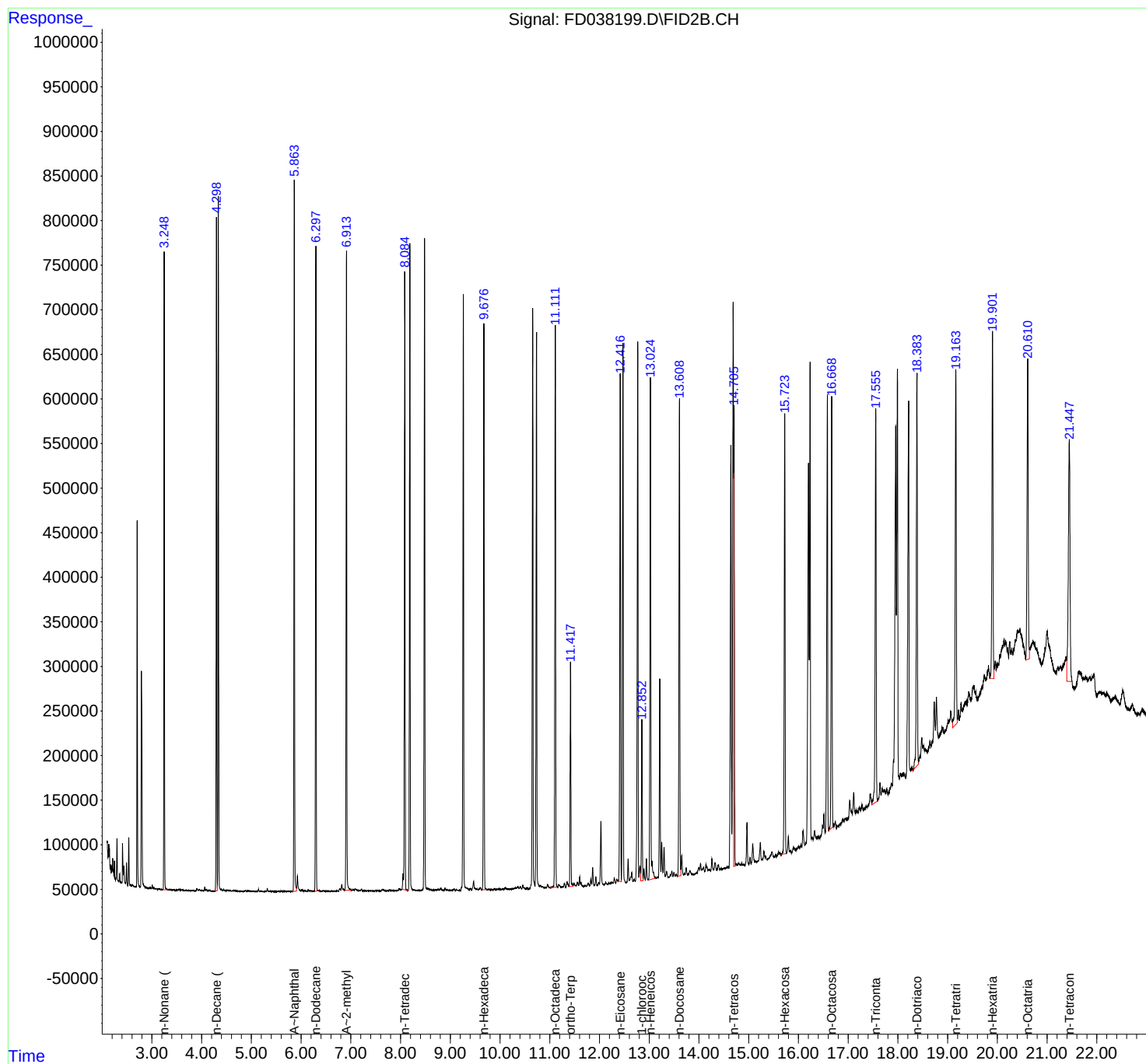
Instrument :
FID_D
ClientSampled :
2MS

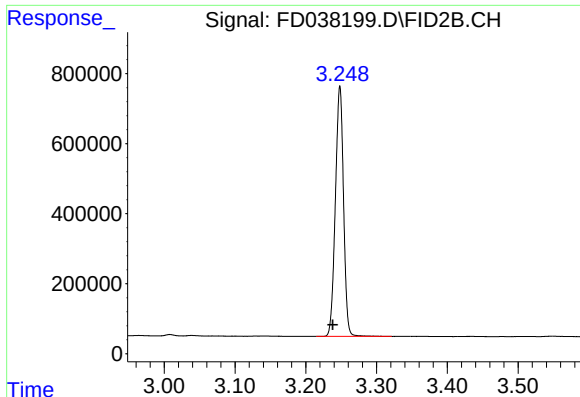
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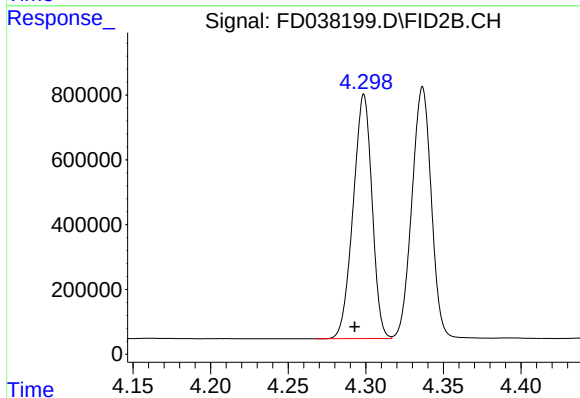
#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: 0.010 min
Response: 5730034
Conc: 47.15 ug/ml

Instrument :
FID_D
ClientSampleId :
2MS

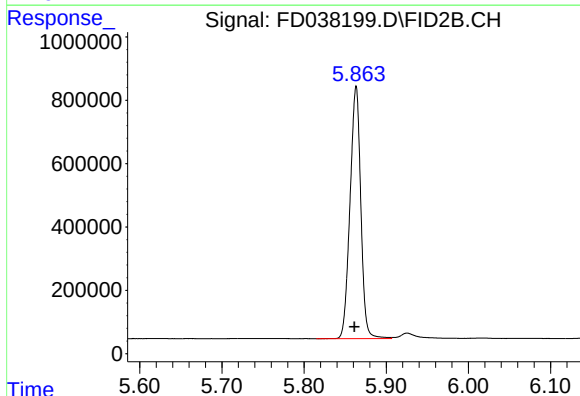
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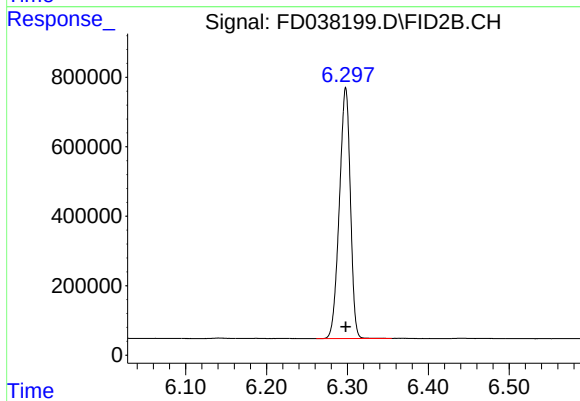
#2 n-Decane (C10)

R.T.: 4.299 min
Delta R.T.: 0.006 min
Response: 6386907
Conc: 52.22 ug/ml



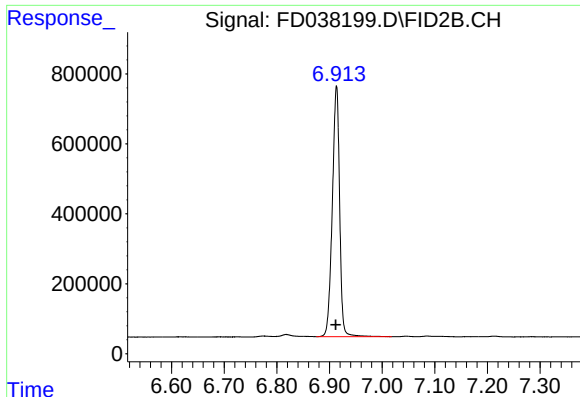
#3 A~Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: 0.002 min
Response: 7246503
Conc: 53.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 6815336
Conc: 54.72 ug/ml



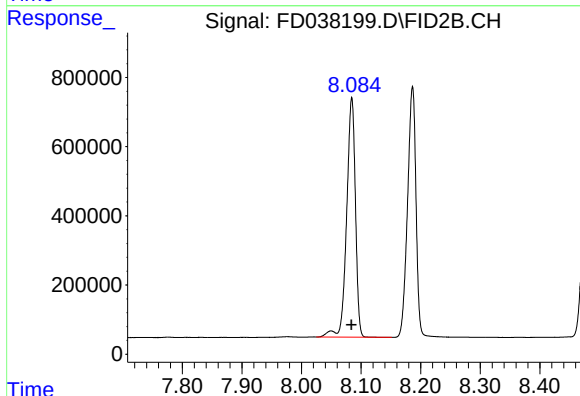
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: 0.001 min
Response: 6913902
Conc: 50.20 ug/ml

Instrument :
FID_D
ClientSampleId :
2MS

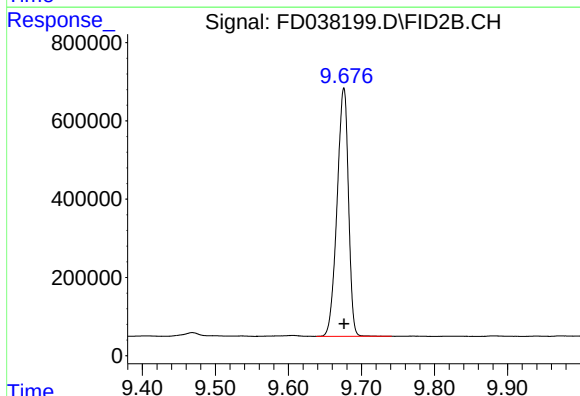
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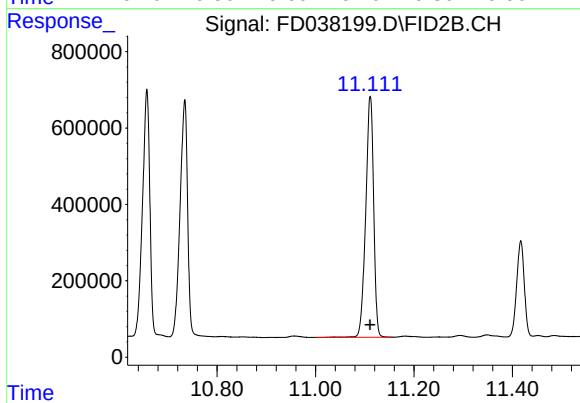
#6 n-Tetradecane (C14)

R.T.: 8.084 min
Delta R.T.: 0.000 min
Response: 7110571
Conc: 55.32 ug/ml



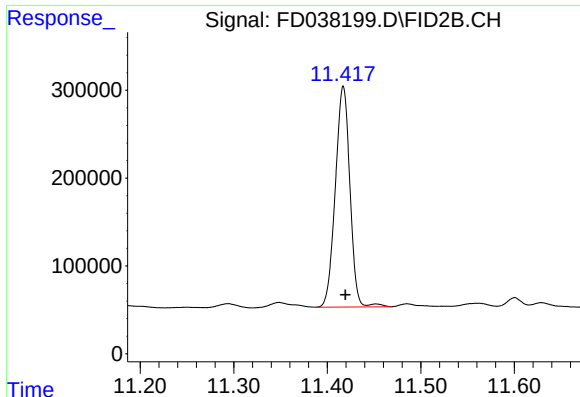
#7 n-Hexadecane (C16)

R.T.: 9.675 min
Delta R.T.: 0.000 min
Response: 6877367
Conc: 53.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.111 min
Delta R.T.: 0.000 min
Response: 7050692
Conc: 52.35 ug/ml



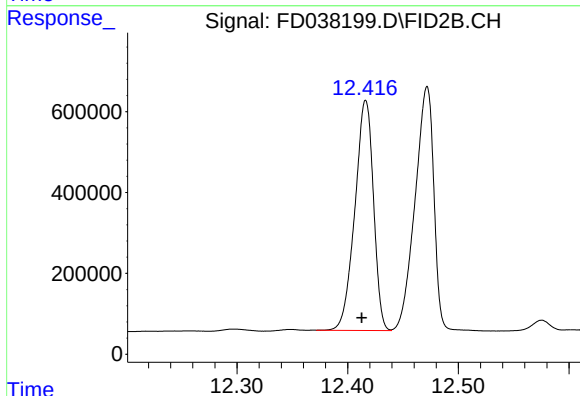
#9 ortho-Terphenyl (SURR)

R.T.: 11.417 min
Delta R.T.: -0.002 min
Response: 2724809
Conc: 18.85 ug/ml

Instrument :
FID_D
ClientSampleId :
2MS

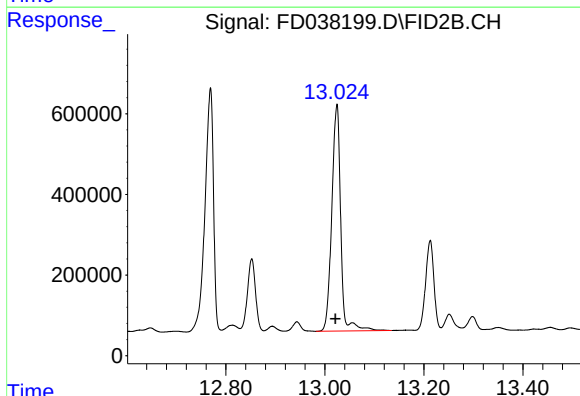
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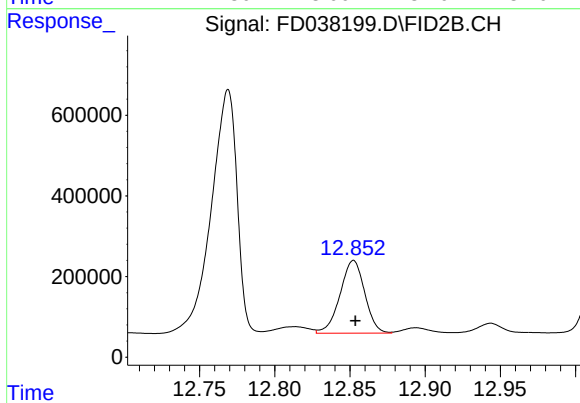
#10 n-Eicosane (C20)

R.T.: 12.416 min
Delta R.T.: 0.003 min
Response: 6647818
Conc: 49.49 ug/ml



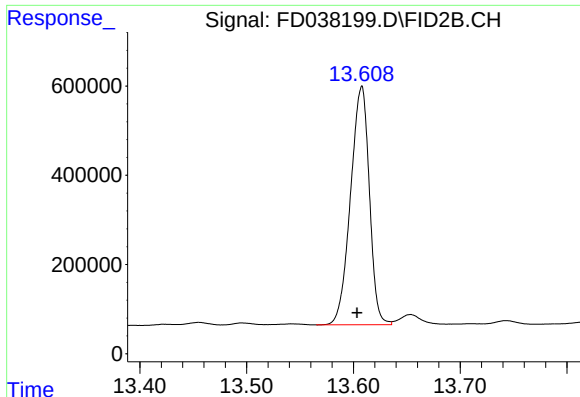
#11 n-Heneicosane (C21)

R.T.: 13.024 min
Delta R.T.: 0.003 min
Response: 7058059
Conc: 51.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.852 min
Delta R.T.: -0.001 min
Response: 2066047
Conc: 18.12 ug/ml



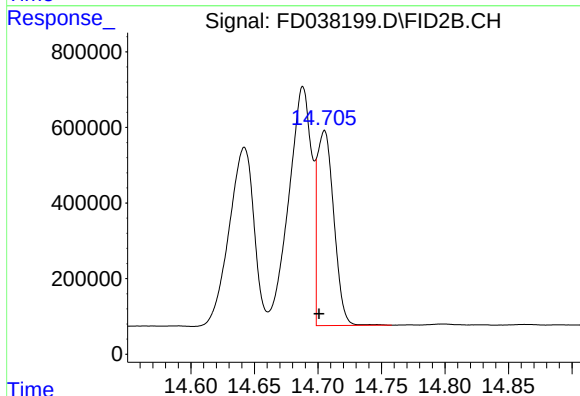
#13 n-Docosane (C22)

R.T.: 13.607 min
Delta R.T.: 0.004 min
Response: 6544254
Conc: 48.64 ug/ml

Instrument :
FID_D
ClientSampleId :
2MS

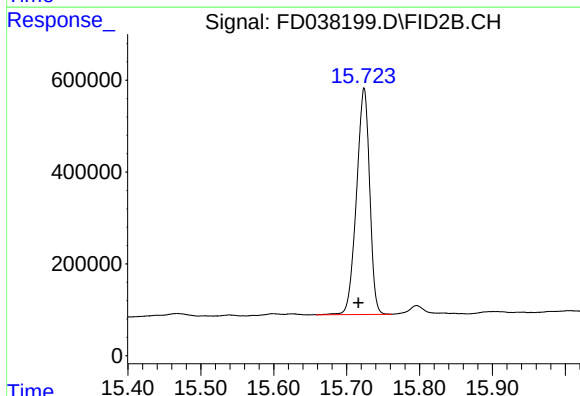
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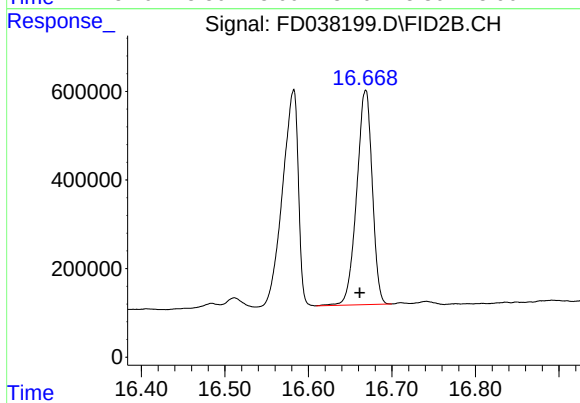
#14 n-Tetracosane (C24)

R.T.: 14.704 min
Delta R.T.: 0.003 min
Response: 4689746
Conc: 34.73 ug/ml



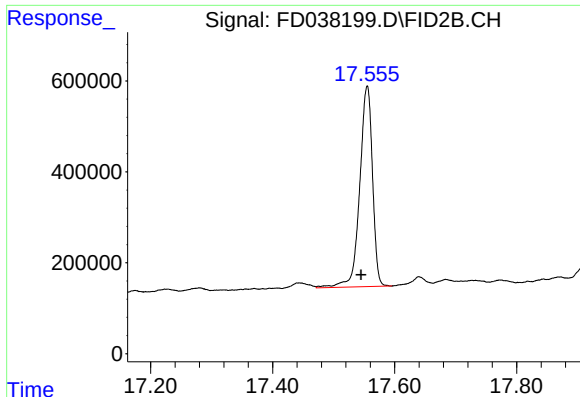
#15 n-Hexacosane (C26)

R.T.: 15.724 min
Delta R.T.: 0.008 min
Response: 6188457
Conc: 46.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.668 min
Delta R.T.: 0.007 min
Response: 6243649
Conc: 47.88 ug/ml



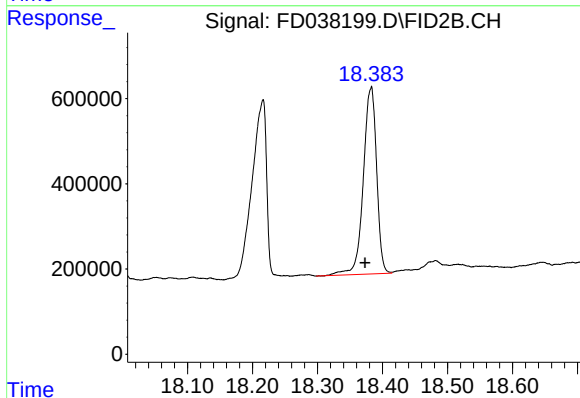
#17 n-Tricontane (C30)

R.T.: 17.555 min
Delta R.T.: 0.010 min
Response: 6417987
Conc: 50.22 ug/ml

Instrument :
FID_D
ClientSampleId :
2MS

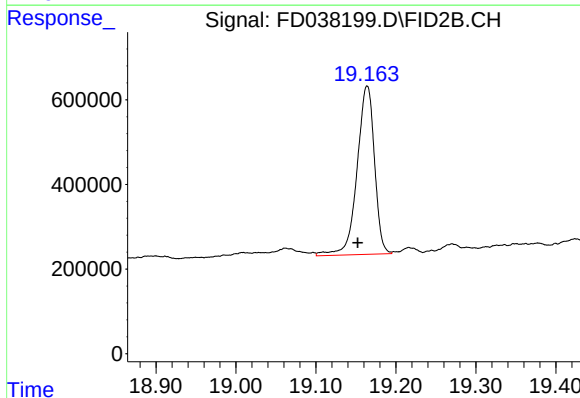
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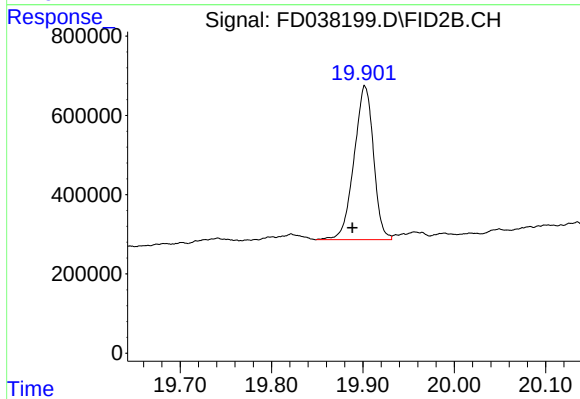
#18 n-Dotriacontane (C32)

R.T.: 18.382 min
Delta R.T.: 0.009 min
Response: 6245689
Conc: 50.76 ug/ml



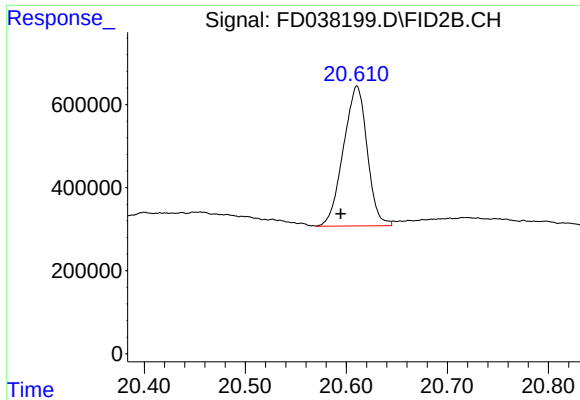
#19 n-Tetratriacontane (C34)

R.T.: 19.164 min
Delta R.T.: 0.012 min
Response: 6047757
Conc: 51.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.902 min
Delta R.T.: 0.014 min
Response: 5736318
Conc: 52.53 ug/ml



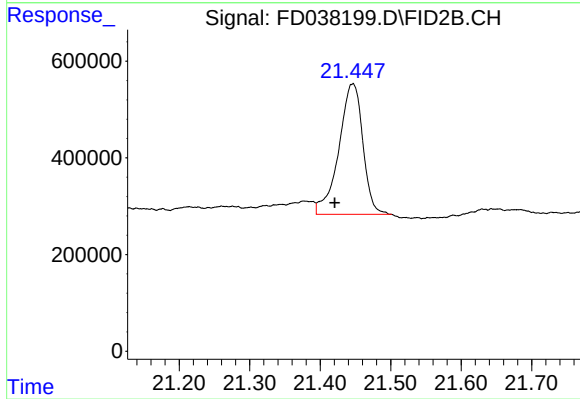
#21 n-Octatriacontane (C38)

R.T.: 20.610 min
Delta R.T.: 0.016 min
Response: 5517441
Conc: 54.78 ug/ml m

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

R.T.: 21.446 min
Delta R.T.: 0.026 min
Response: 6379559
Conc: 65.23 ug/ml