

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052819AL\
 Data File : FD029255.D
 Signal(s) : FID2B.CH
 Acq On : 28 May 2019 9:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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Integration File: autoint1.e
 Quant Time: May 29 04:17:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051619.M
 Quant Title : GC Extractables
 QLast Update : Fri May 17 05:38:52 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)	11.646	1834533	20.847 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
12) S 1-chlorooctadecane (S...	13.068	1349184	21.087 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
Target Compounds			
1) T n-Nonane (C9)	3.421	1603925	19.480 ug/ml
2) T n-Decane (C10)	4.493	1624073	19.699 ug/ml
3) T A~Naphthalene (C11.7)	6.082	1915656	20.093 ug/ml
4) T n-Dodecane (C12)	6.508	1621651	20.335 ug/ml
5) T A~2-methylnaphthalene...	7.135	1910285	20.321 ug/ml
6) T n-Tetradecane (C14)	8.295	1621781	20.906 ug/ml
7) T n-Hexadecane (C16)	9.889	1604777	21.399 ug/ml
8) T n-Octadecane (C18)	11.323	1582175	21.736 ug/ml
10) T n-Eicosane (C20)	12.624	1569199	21.738 ug/ml
11) T n-Heneicosane (C21)	13.233	1557113	21.742 ug/ml
13) T n-Docosane (C22)	13.815	1559288	21.797 ug/ml
14) T n-Tetracosane (C24)	14.910	1574982	21.873 ug/ml
15) T n-Hexacosane (C26)	15.924	1580931	21.797 ug/ml
16) T n-Octacosane (C28)	16.867	1585780	21.393 ug/ml
17) T n-Tricontane (C30)	17.746	1529102	20.852 ug/ml
18) T n-Dotriacontane (C32)	18.572	1421717	20.770 ug/ml
19) T n-Tetratriacontane (C34)	19.349	1214717	21.018 ug/ml
20) T n-Hexatriacontane (C36)	20.080	1067229	20.895 ug/mlm
21) T n-Octatriacontane (C38)	20.810	962503	21.427 ug/ml
22) T n-Tetracontane (C40)	21.711	876544	20.861 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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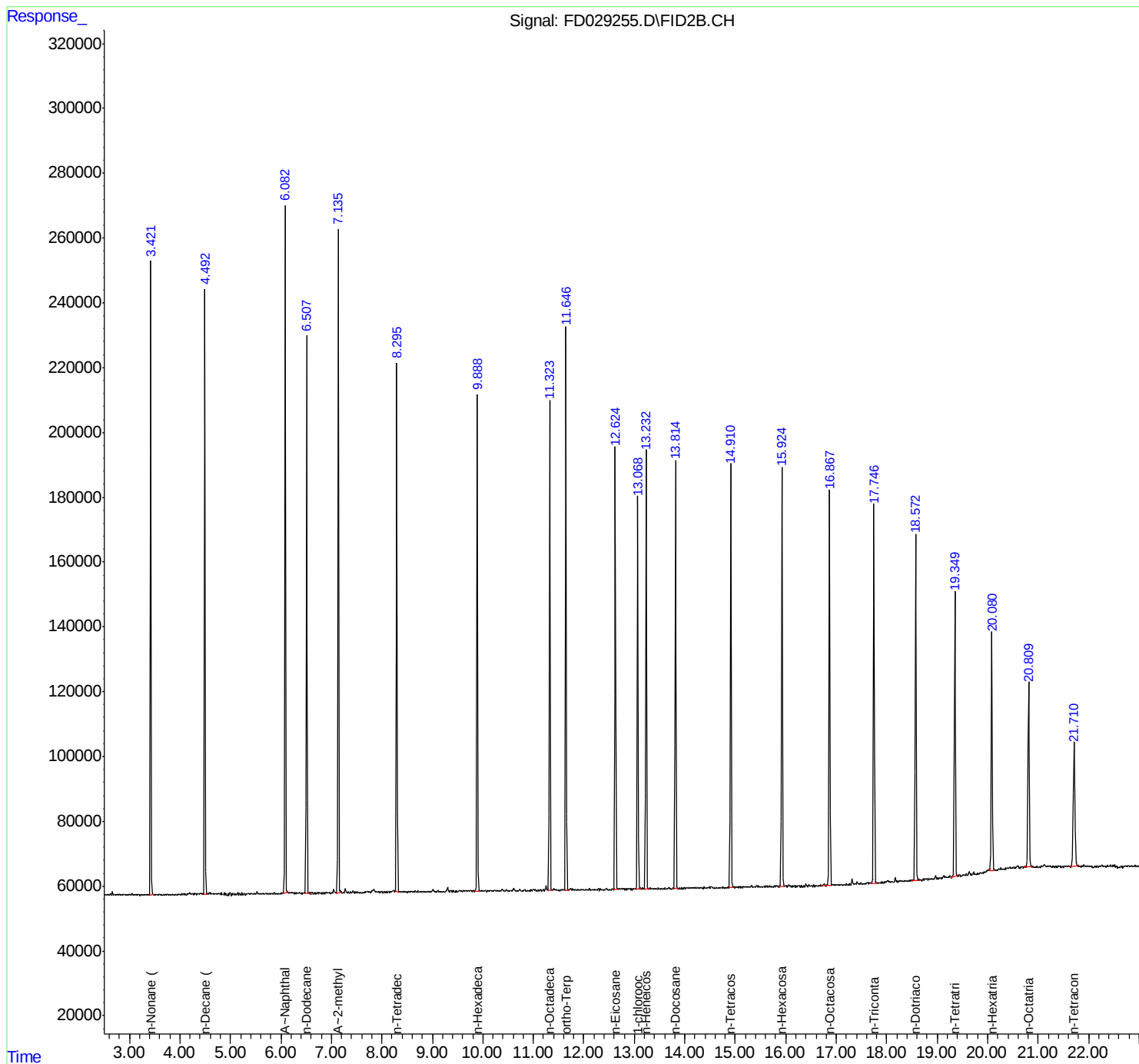
Instrument :
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ClientSampleId :

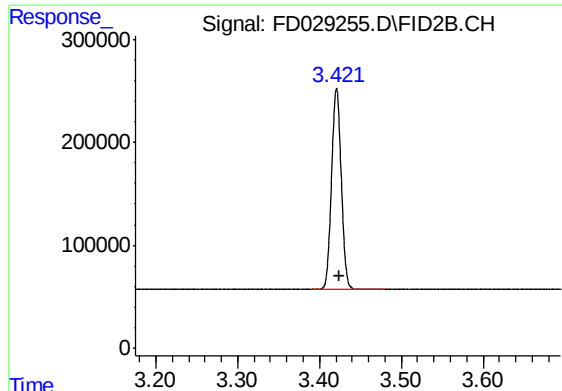
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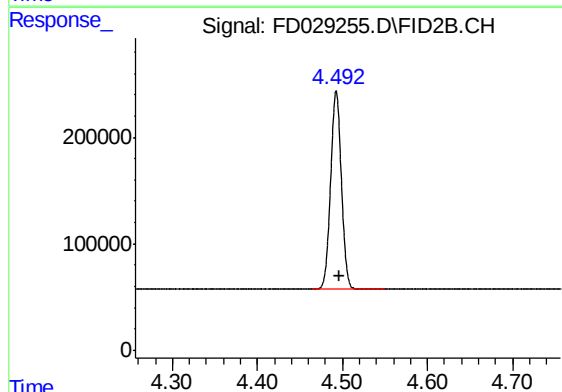
#1 n-Nonane (C9)

R.T.: 3.421 min
Delta R.T.: -0.004 min
Response: 1603925
Conc: 19.48 ug/ml

Instrument :
FID_D
ClientSampleId :

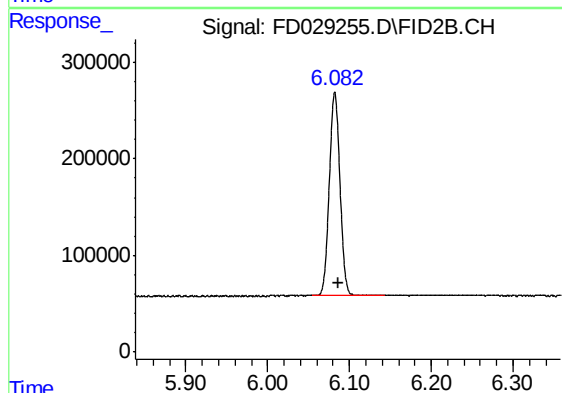
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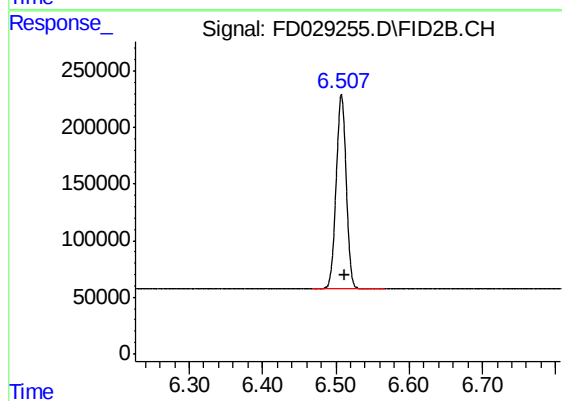
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 1624073
Conc: 19.70 ug/ml



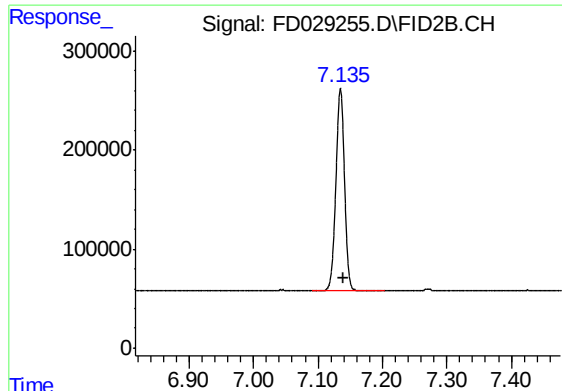
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.005 min
Response: 1915656
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 1621651
Conc: 20.33 ug/ml



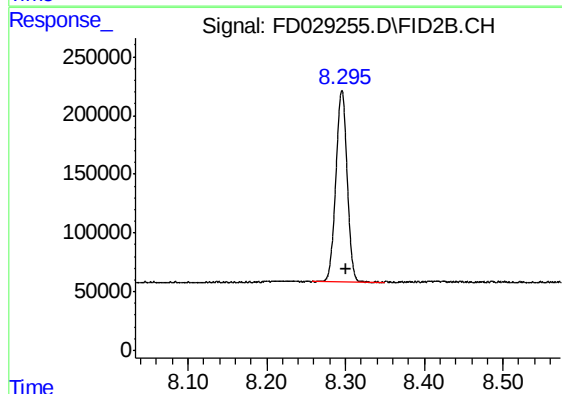
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: -0.005 min
Response: 1910285
Conc: 20.32 ug/ml

Instrument :
FID_D
ClientSampleId :

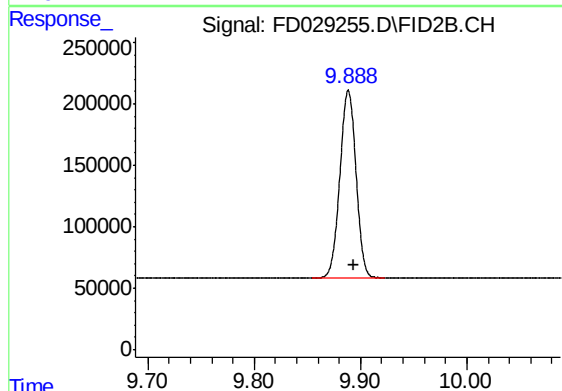
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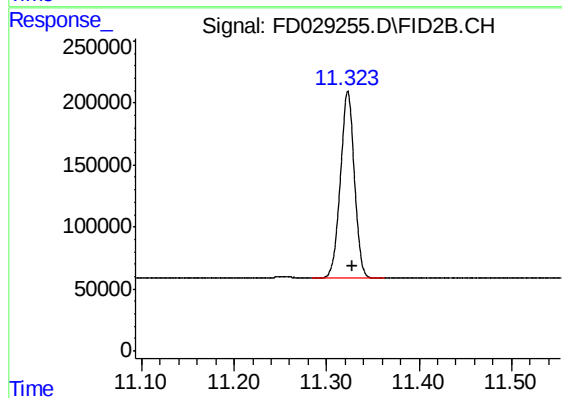
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: -0.005 min
Response: 1621781
Conc: 20.91 ug/ml



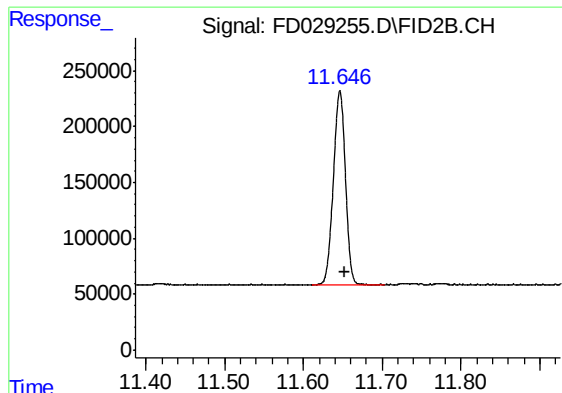
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: -0.005 min
Response: 1604777
Conc: 21.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: -0.006 min
Response: 1582175
Conc: 21.74 ug/ml



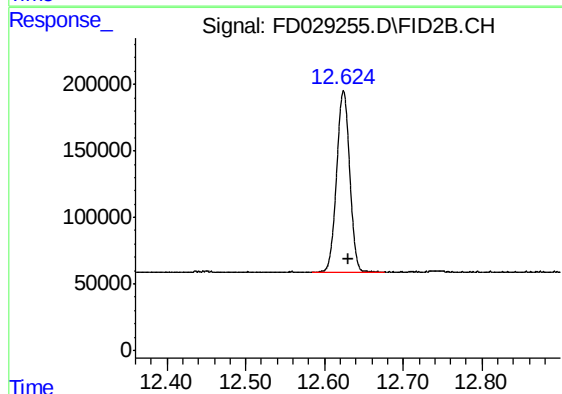
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.006 min
Response: 1834533
Conc: 20.85 ug/ml

Instrument :
FID_D
ClientSampleId :

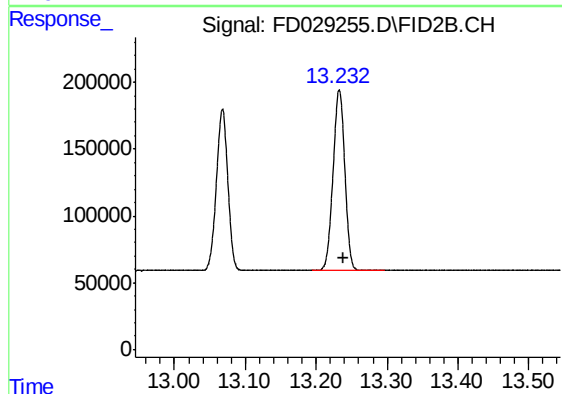
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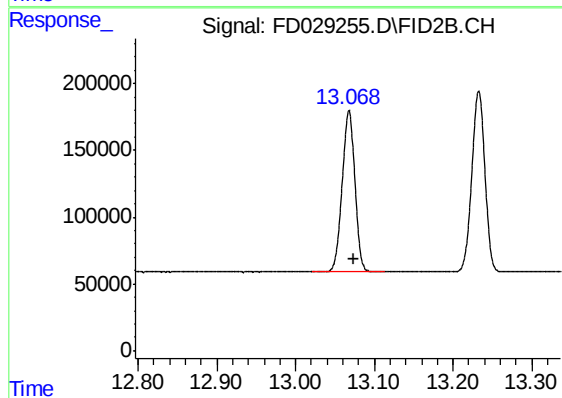
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.006 min
Response: 1569199
Conc: 21.74 ug/ml



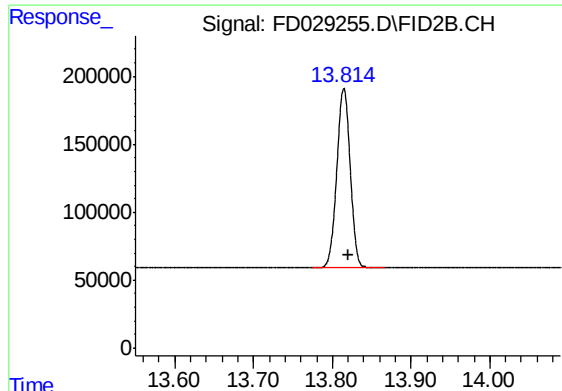
#11 n-Heneicosane (C21)

R.T.: 13.233 min
Delta R.T.: -0.006 min
Response: 1557113
Conc: 21.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.068 min
Delta R.T.: -0.006 min
Response: 1349184
Conc: 21.09 ug/ml



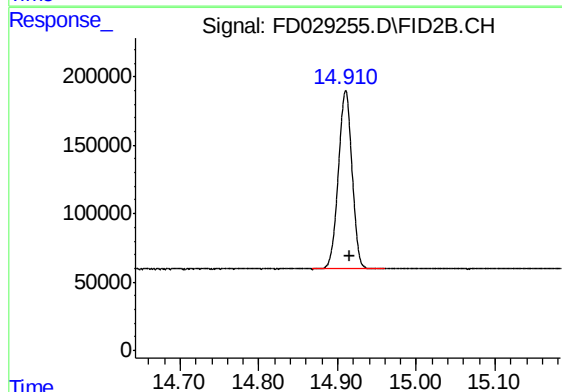
#13 n-Docosane (C22)

R.T.: 13.815 min
Delta R.T.: -0.006 min
Response: 1559288
Conc: 21.80 ug/ml

Instrument :
FID_D
ClientSampleId :

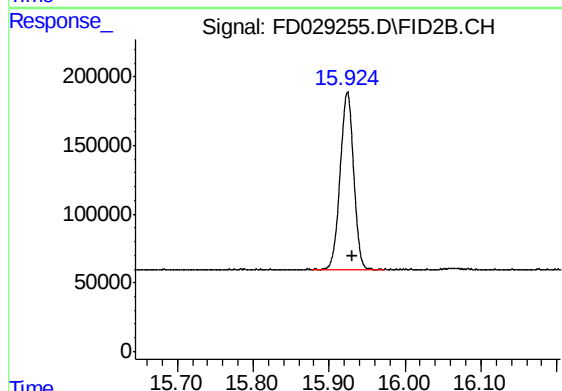
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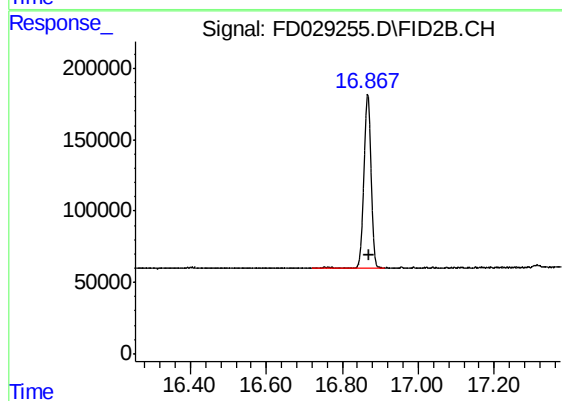
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.006 min
Response: 1574982
Conc: 21.87 ug/ml



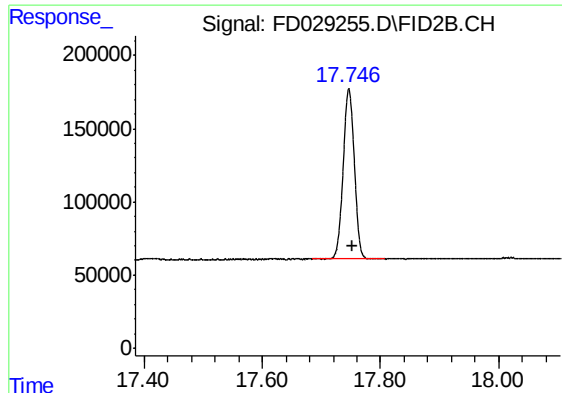
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: -0.006 min
Response: 1580931
Conc: 21.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.867 min
Delta R.T.: -0.005 min
Response: 1585780
Conc: 21.39 ug/ml



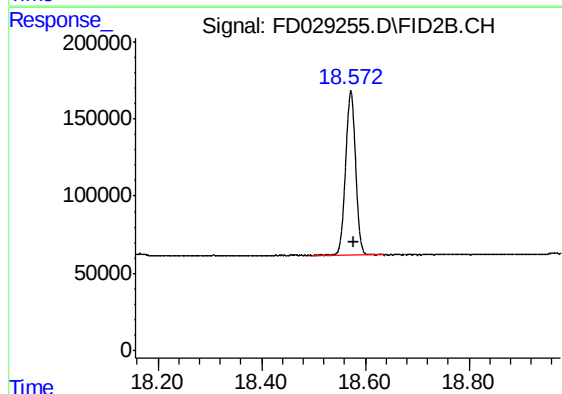
#17 n-Tricontane (C30)

R.T.: 17.746 min
Delta R.T.: -0.006 min
Response: 1529102
Conc: 20.85 ug/ml

Instrument :
FID_D
ClientSampleId :

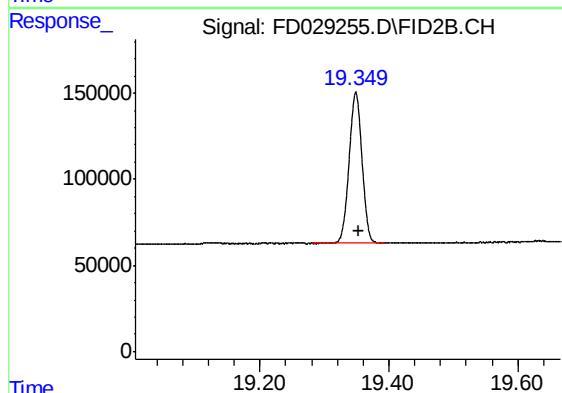
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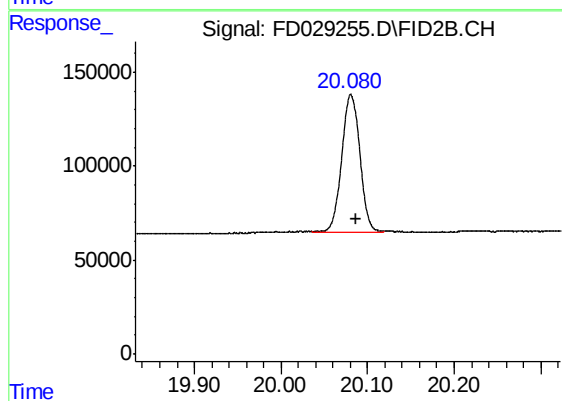
#18 n-Dotriacontane (C32)

R.T.: 18.572 min
Delta R.T.: -0.006 min
Response: 1421717
Conc: 20.77 ug/ml



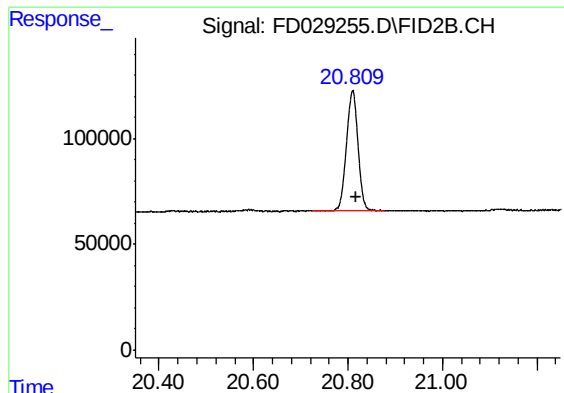
#19 n-Tetatriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.005 min
Response: 1214717
Conc: 21.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.008 min
Response: 1067229
Conc: 20.90 ug/ml m



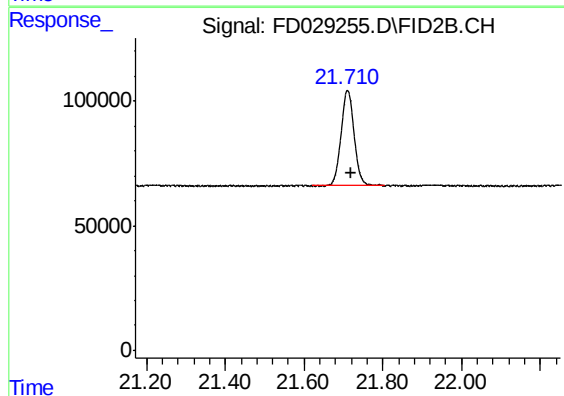
#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.007 min
Response: 962503
Conc: 21.43 ug/ml

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: -0.010 min
Response: 876544
Conc: 20.86 ug/ml