

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092718AL\
 Data File : FD025768.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2018 18:12
 Operator : AJ\SJ
 Sample : J5084-01MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
 APPROVED

Sohil
 9/28/2018 10:01:17 AM

Integration File: autoint1.e
 Quant Time: Sep 28 01:48:55 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 091718.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 18 07:25:24 2018
 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)	11.326	3915940	46.667 ug/mlm
Spiked Amount 50.000		Recovery =	93.33%
12) S 1-chlorooctadecane (S...	12.766	2512375	41.149 ug/ml
Spiked Amount 50.000		Recovery =	82.30%
Target Compounds			
1) T n-Nonane (C9)	3.144	7813709	111.652 ug/mlm
2) T n-Decane (C10)	4.209	7257126	103.344 ug/mlm
3) T A-Naphthalene (C11.7)	5.774	11465673	140.341 ug/mlm
4) T n-Dodecane (C12)	6.215	5622570	81.350 ug/mlm
5) T A~2-methylnaphthalene...	6.825	13502981	166.104 ug/mlm
6) T n-Tetradecane (C14)	7.998	3355710	48.125 ug/mlm
7) T n-Hexadecane (C16)	9.590	3076087	43.633 ug/ml
8) T n-Octadecane (C18)	11.025	2762096	38.851 ug/ml
10) T n-Eicosane (C20)	12.327	2591186	36.508 ug/mlm
11) T n-Heneicosane (C21)	12.936	2669179	38.897 ug/ml
13) T n-Docosane (C22)	13.520	2594172	38.415 ug/ml
14) T n-Tetracosane (C24)	14.618	2575750	39.355 ug/ml
15) T n-Hexacosane (C26)	15.635	2517710	40.526 ug/ml
16) T n-Octacosane (C28)	16.579	2523653	40.583 ug/ml
17) T n-Tricontane (C30)	17.463	2515546	37.516 ug/ml
18) T n-Dotriacontane (C32)	18.289	2421047	37.330 ug/ml
19) T n-Tetratriacontane (C34)	19.068	2252589	36.919 ug/ml
20) T n-Hexatriacontane (C36)	19.804	1999255	35.018 ug/mlm
21) T n-Octatriacontane (C38)	20.502	1840809	32.896 ug/mlm
22) T n-Tetracontane (C40)	21.310	1846887	33.343 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

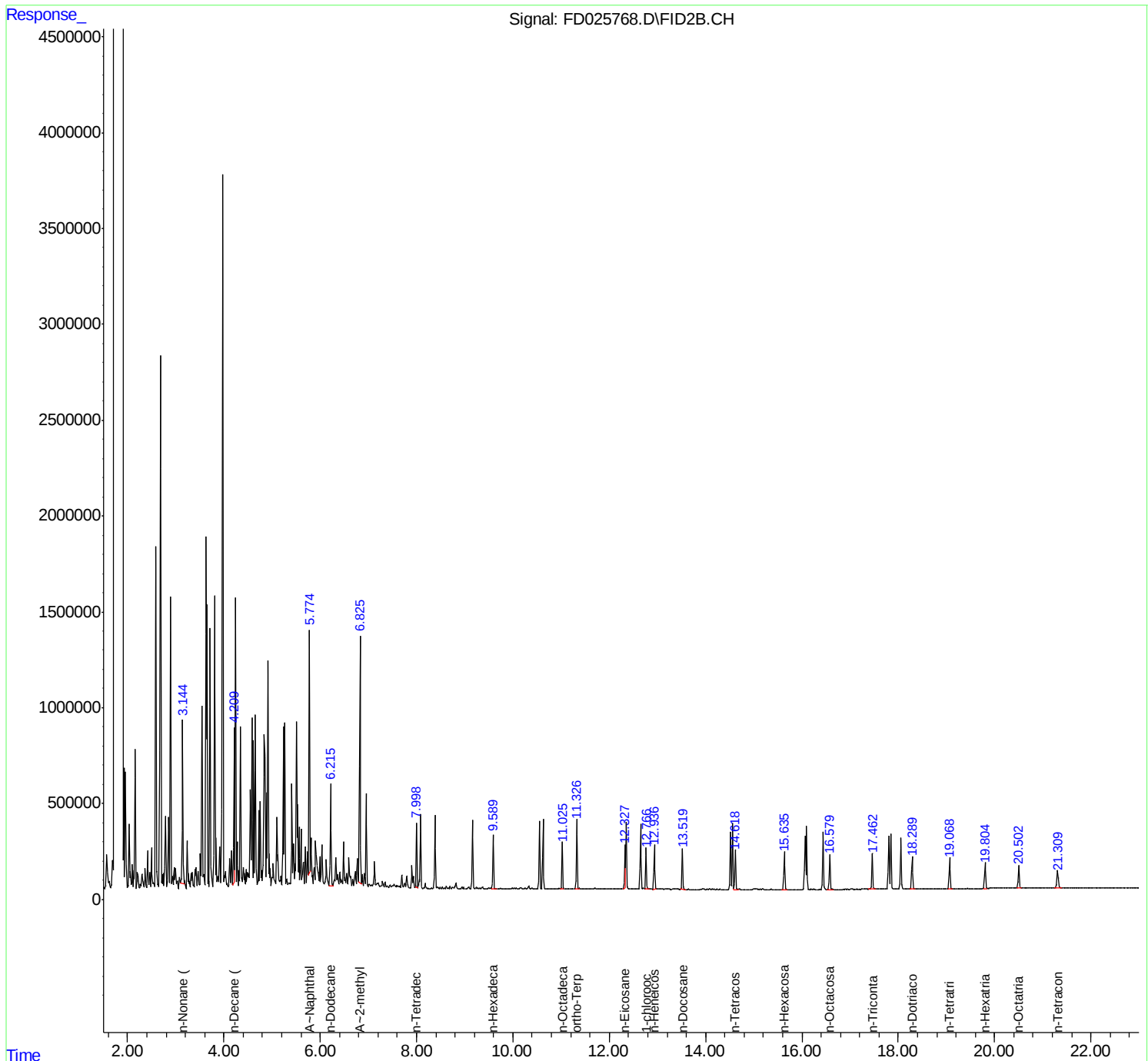
Instrument :
FID_D
ClientSampled :

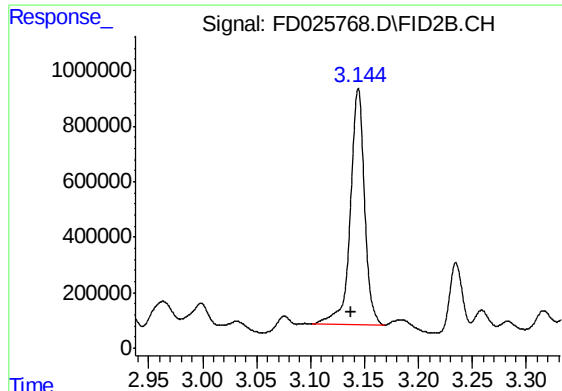
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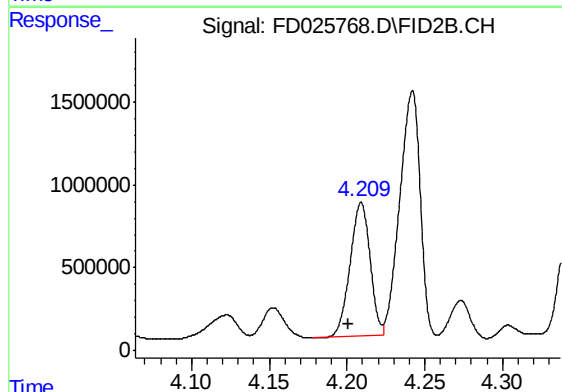
#1 n-Nonane (C9)

R.T.: 3.144 min
Delta R.T.: 0.007 min
Response: 7813709
Conc: 111.65 ug/ml m

Instrument :
FID_D
ClientSampleId :

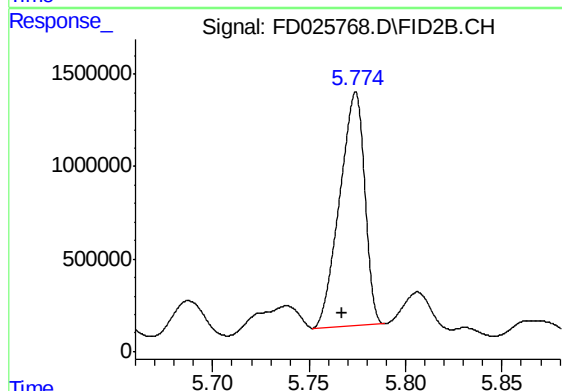
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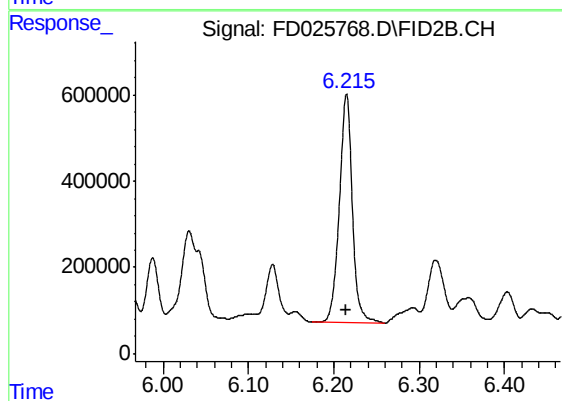
#2 n-Decane (C10)

R.T.: 4.209 min
Delta R.T.: 0.008 min
Response: 7257126
Conc: 103.34 ug/ml m



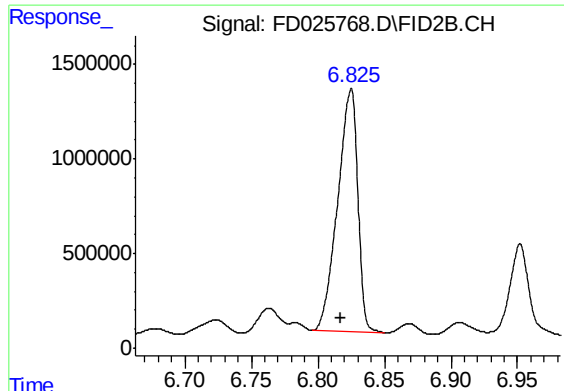
#3 A-Naphthalene (C11.7)

R.T.: 5.774 min
Delta R.T.: 0.007 min
Response: 11465673
Conc: 140.34 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 5622570
Conc: 81.35 ug/ml m



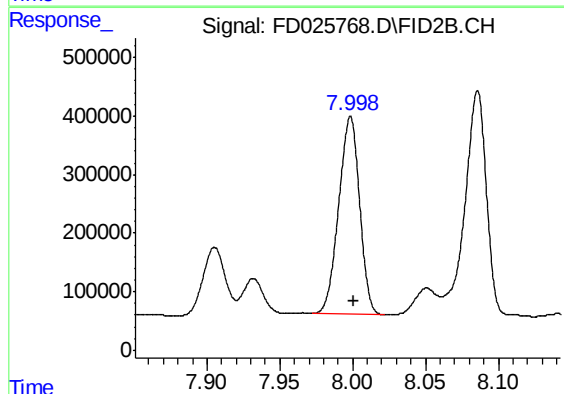
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: 0.007 min
Response: 13502981
Conc: 166.10 ug/ml m

Instrument :
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ClientSampleId :

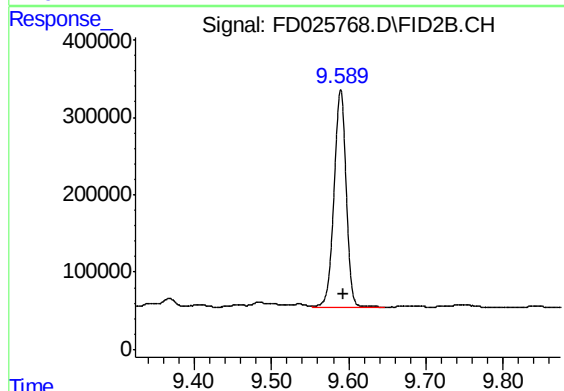
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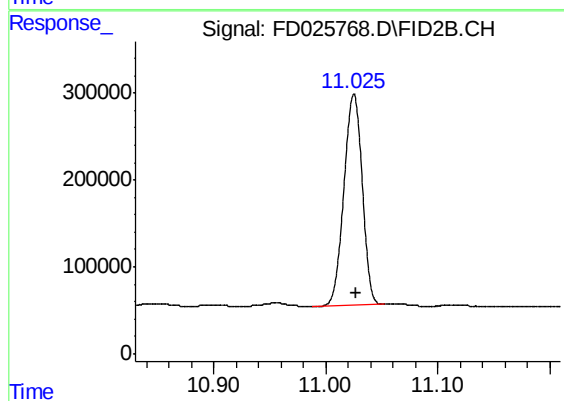
#6 n-Tetradecane (C14)

R.T.: 7.998 min
Delta R.T.: -0.002 min
Response: 3355710
Conc: 48.12 ug/ml m



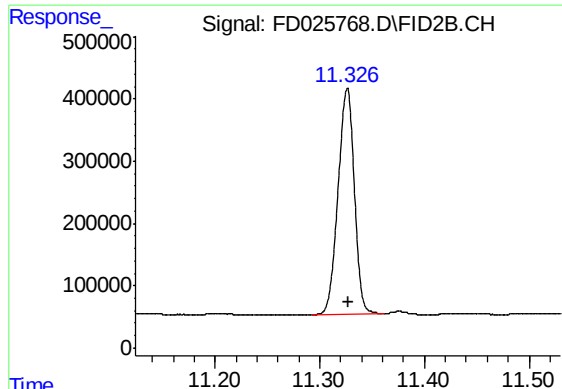
#7 n-Hexadecane (C16)

R.T.: 9.590 min
Delta R.T.: -0.003 min
Response: 3076087
Conc: 43.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.025 min
Delta R.T.: -0.002 min
Response: 2762096
Conc: 38.85 ug/ml



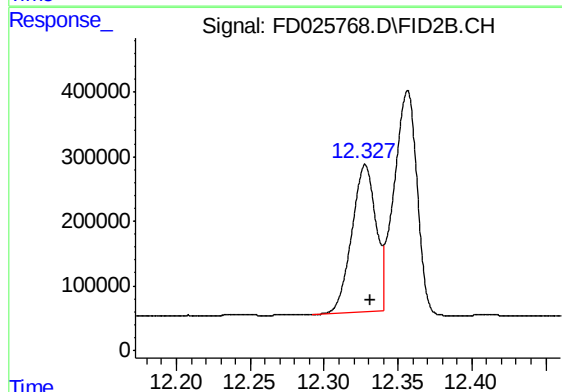
#9 ortho-Terphenyl (SURR)

R.T.: 11.326 min
Delta R.T.: -0.002 min
Response: 3915940
Conc: 46.67 ug/ml m

Instrument :
FID_D
ClientSampleId :

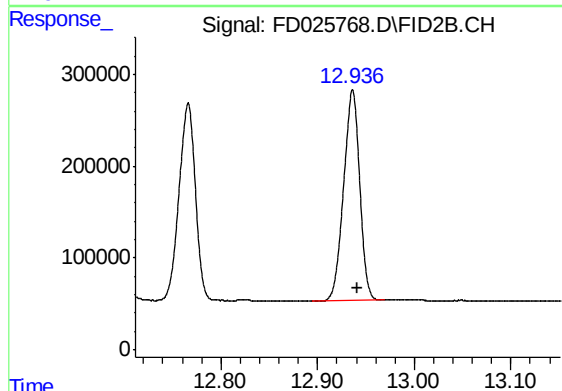
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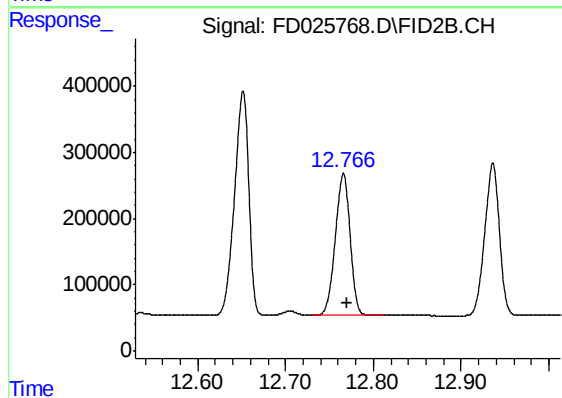
#10 n-Eicosane (C20)

R.T.: 12.327 min
Delta R.T.: -0.004 min
Response: 2591186
Conc: 36.51 ug/ml m



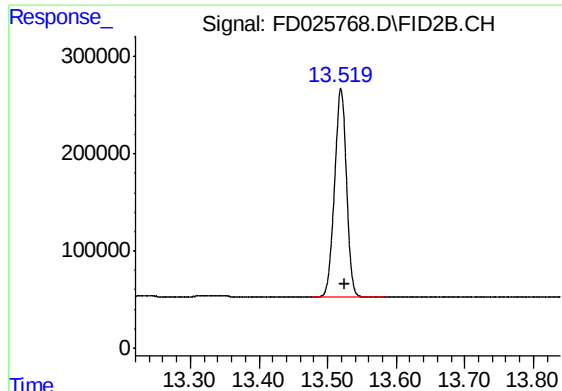
#11 n-Heneicosane (C21)

R.T.: 12.936 min
Delta R.T.: -0.004 min
Response: 2669179
Conc: 38.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.766 min
Delta R.T.: -0.004 min
Response: 2512375
Conc: 41.15 ug/ml



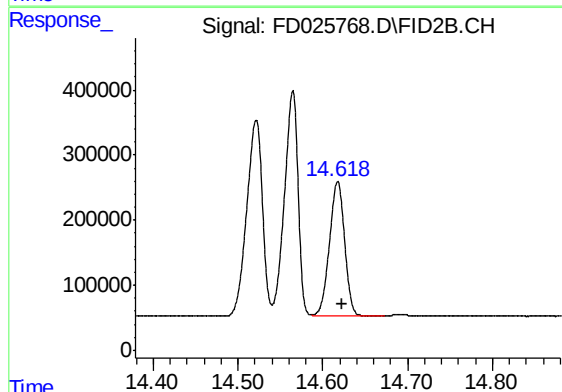
#13 n-Docosane (C22)

R.T.: 13.520 min
Delta R.T.: -0.005 min
Response: 2594172
Conc: 38.41 ug/ml

Instrument :
FID_D
ClientSampleId :

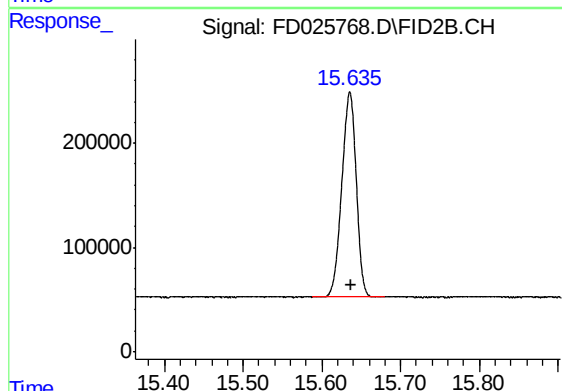
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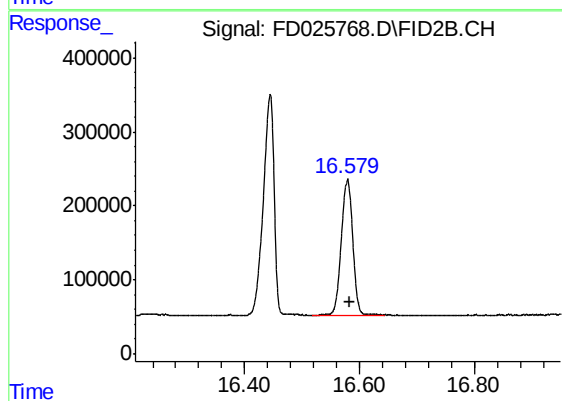
#14 n-Tetracosane (C24)

R.T.: 14.618 min
Delta R.T.: -0.005 min
Response: 2575750
Conc: 39.36 ug/ml



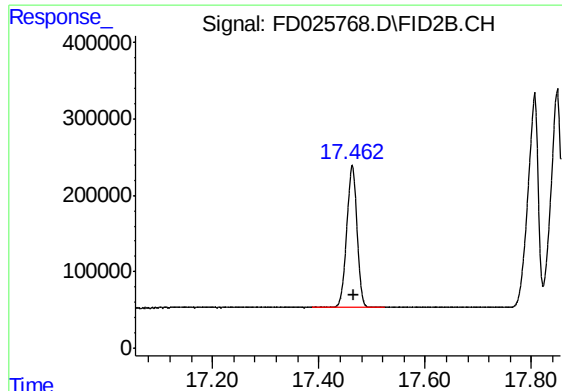
#15 n-Hexacosane (C26)

R.T.: 15.635 min
Delta R.T.: -0.002 min
Response: 2517710
Conc: 40.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.579 min
Delta R.T.: -0.004 min
Response: 2523653
Conc: 40.58 ug/ml



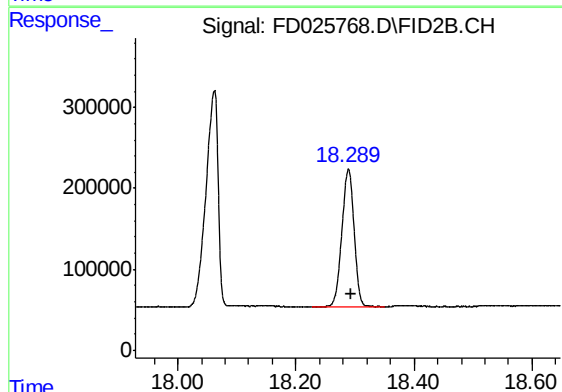
#17 n-Tricontane (C30)

R.T.: 17.463 min
Delta R.T.: -0.003 min
Response: 2515546
Conc: 37.52 ug/ml

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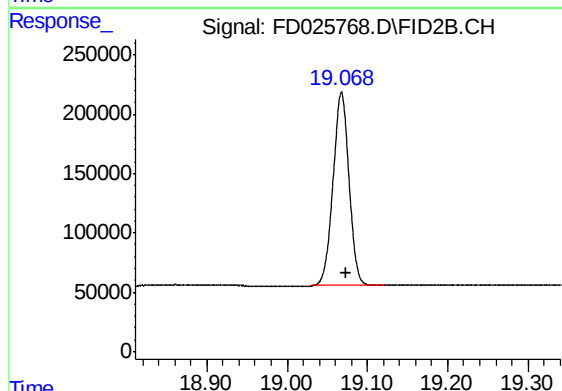
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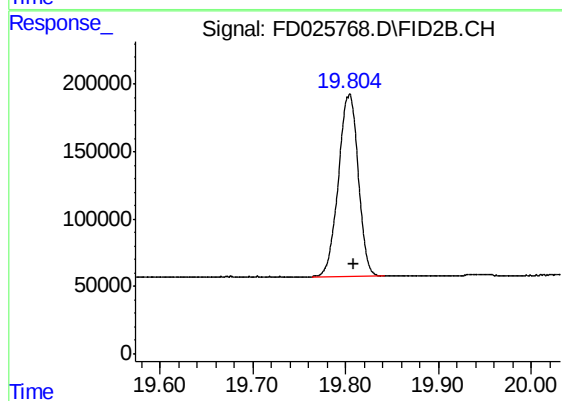
#18 n-Dotriacontane (C32)

R.T.: 18.289 min
Delta R.T.: -0.005 min
Response: 2421047
Conc: 37.33 ug/ml



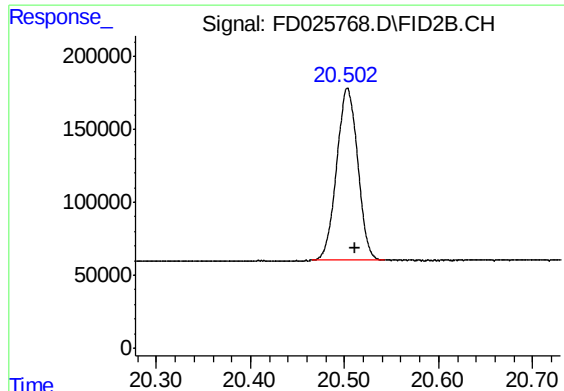
#19 n-Tetatriacontane (C34)

R.T.: 19.068 min
Delta R.T.: -0.005 min
Response: 2252589
Conc: 36.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.804 min
Delta R.T.: -0.004 min
Response: 1999255
Conc: 35.02 ug/ml m



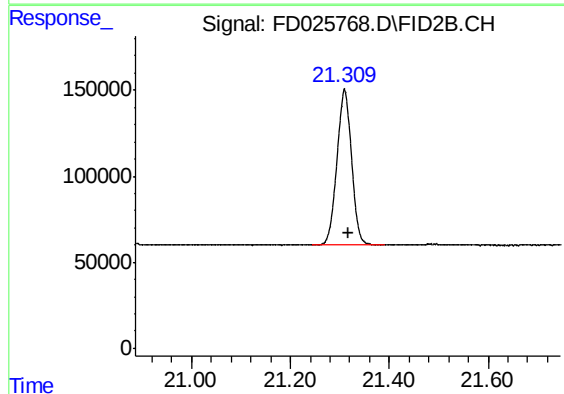
#21 n-Octatriacontane (C38)

R.T.: 20.502 min
Delta R.T.: -0.008 min
Response: 1840809
Conc: 32.90 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.310 min
Delta R.T.: -0.007 min
Response: 1846887
Conc: 33.34 ug/ml