

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090419AL\
 Data File : FD030497.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2019 19:19
 Operator : DD\AJ
 Sample : K4668-02MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SU-04-090319MSD

Manual Integrations
 APPROVED

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 9/5/2019 1:39:38 PM

Integration File: autoint1.e
 Quant Time: Sep 05 02:32:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 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)	11.514	7328362	50.383 ug/ml
Spiked Amount 50.000		Recovery =	100.77%
12) S 1-chlorooctadecane (S...	12.935	16912515	154.855 ug/ml
Spiked Amount 50.000		Recovery =	309.71%
Target Compounds			
1) T n-Nonane (C9)	3.322	2678922	21.462 ug/ml
2) T n-Decane (C10)	4.380	3320165	26.536 ug/ml
3) T A~Naphthalene (C11.7)	5.954	4222989	30.115 ug/ml
4) T n-Dodecane (C12)	6.386	3997212	31.595 ug/ml
5) T A~2-methylnaphthalene...	7.005	4624092	32.626 ug/ml
6) T n-Tetradecane (C14)	8.173	4603919	36.176 ug/ml
7) T n-Hexadecane (C16)	9.763	4905315	38.430 ug/ml
8) T n-Octadecane (C18)	11.198	4978521	38.836 ug/ml
10) T n-Eicosane (C20)	12.498	4778736	37.498 ug/ml
11) T n-Heneicosane (C21)	13.107	4682246	36.601 ug/ml
13) T n-Docosane (C22)	13.688	4688107	36.806 ug/ml
14) T n-Tetracosane (C24)	14.783	3407408	26.833 ug/mlm
15) T n-Hexacosane (C26)	15.798	4270133	34.329 ug/ml
16) T n-Octacosane (C28)	16.740	4305735	35.315 ug/mlm
17) T n-Tricontane (C30)	17.623	4236475	35.633 ug/mlm
18) T n-Dotriacontane (C32)	18.446	3888874	33.916 ug/mlm
19) T n-Tetratriacontane (C34)	19.224	3815338	35.143 ug/mlm
20) T n-Hexatriacontane (C36)	19.959	3509791	34.192 ug/mlm
21) T n-Octatriacontane (C38)	20.670	3187059	32.845 ug/mlm
22) T n-Tetracontane (C40)	21.527	3473629	33.876 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 61 Sample Multiplier: 1

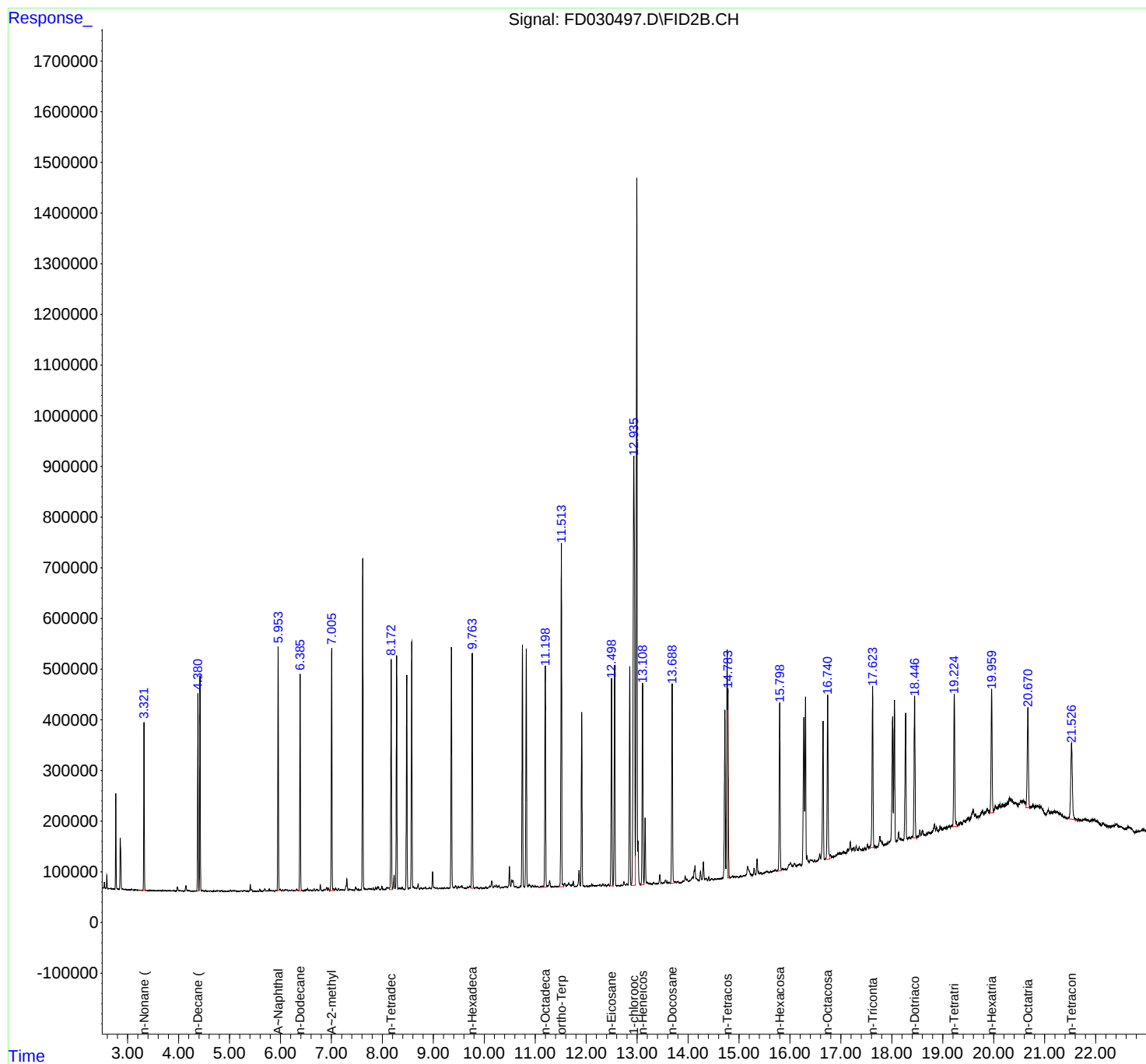
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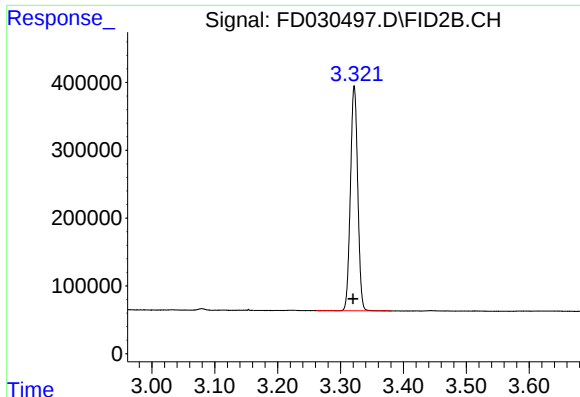
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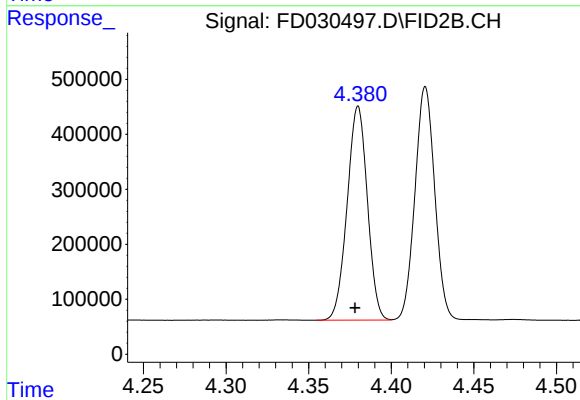
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: 0.002 min
Response: 2678922
Conc: 21.46 ug/ml

Instrument :
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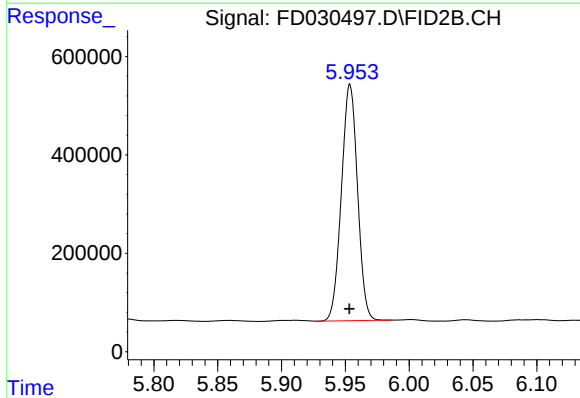
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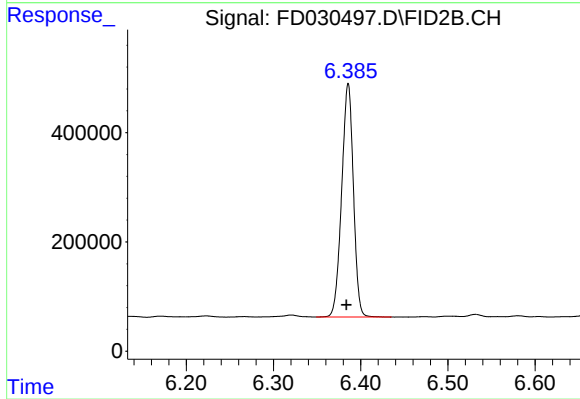
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.002 min
Response: 3320165
Conc: 26.54 ug/ml



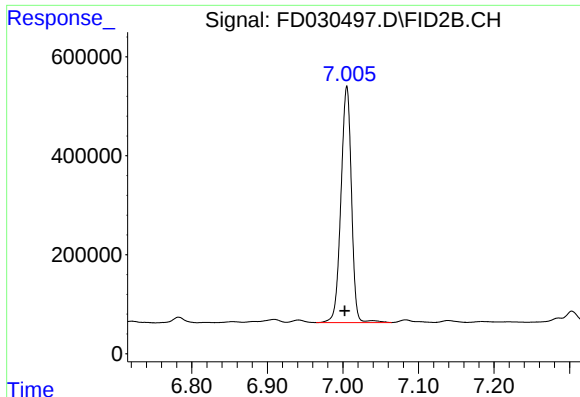
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 4222989
Conc: 30.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 3997212
Conc: 31.59 ug/ml



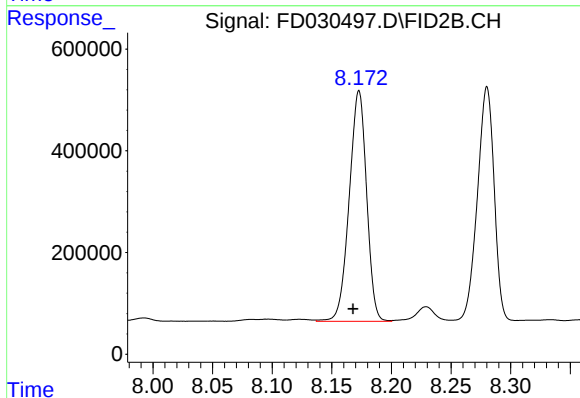
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: 0.003 min
Response: 4624092
Conc: 32.63 ug/ml

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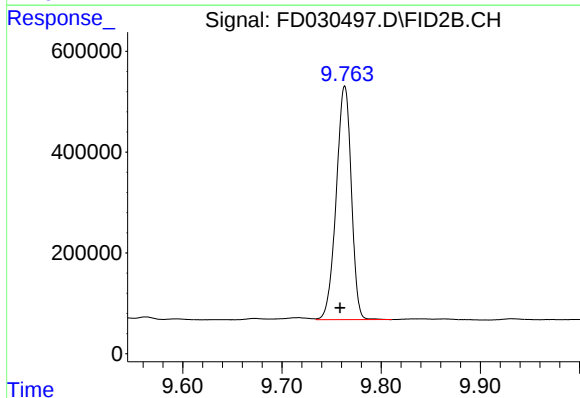
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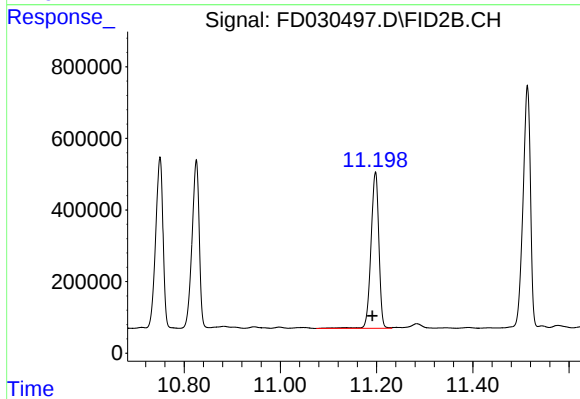
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: 0.005 min
Response: 4603919
Conc: 36.18 ug/ml



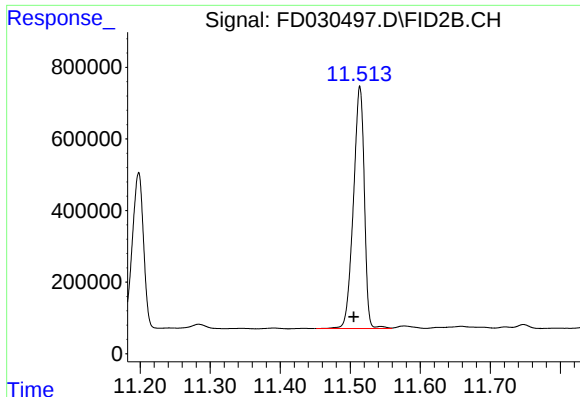
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.005 min
Response: 4905315
Conc: 38.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: 0.006 min
Response: 4978521
Conc: 38.84 ug/ml



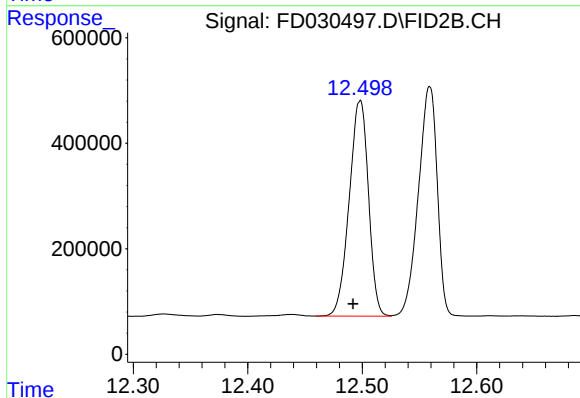
#9 ortho-Terphenyl (SURR)

R.T.: 11.514 min
Delta R.T.: 0.009 min
Response: 7328362
Conc: 50.38 ug/ml

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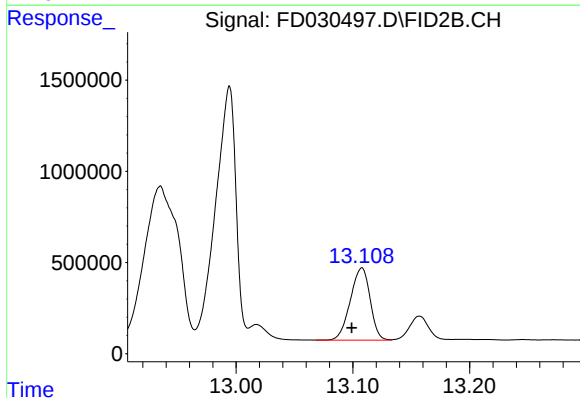
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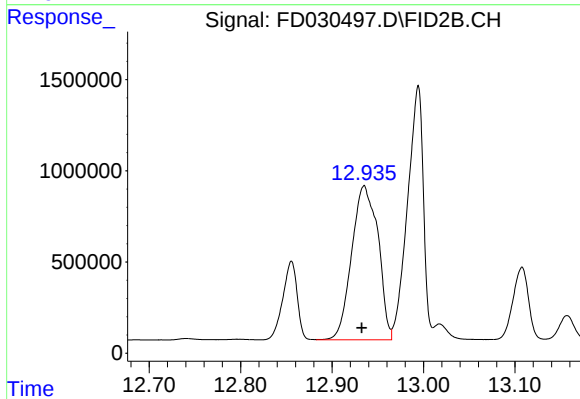
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.006 min
Response: 4778736
Conc: 37.50 ug/ml



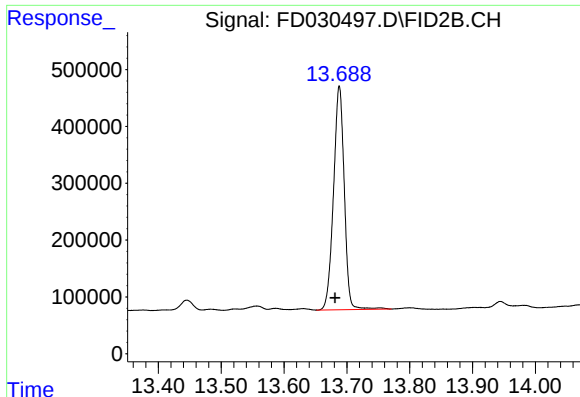
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.008 min
Response: 4682246
Conc: 36.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.935 min
Delta R.T.: 0.003 min
Response: 16912515
Conc: 154.86 ug/ml



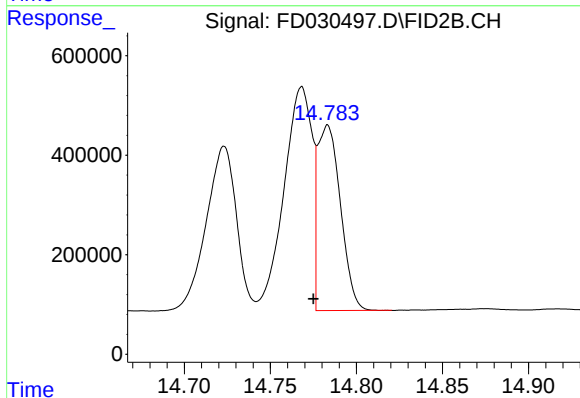
#13 n-Docosane (C22)

R.T.: 13.688 min
Delta R.T.: 0.007 min
Response: 4688107
Conc: 36.81 ug/ml

Instrument :
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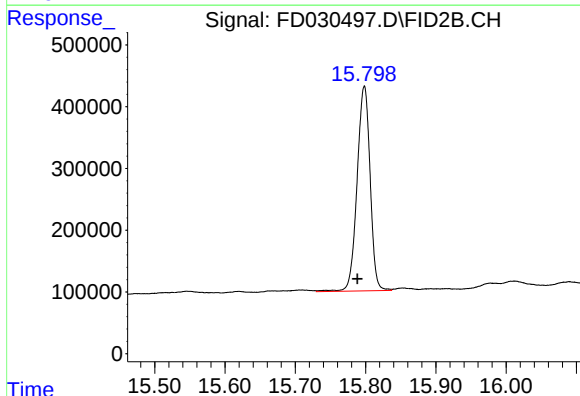
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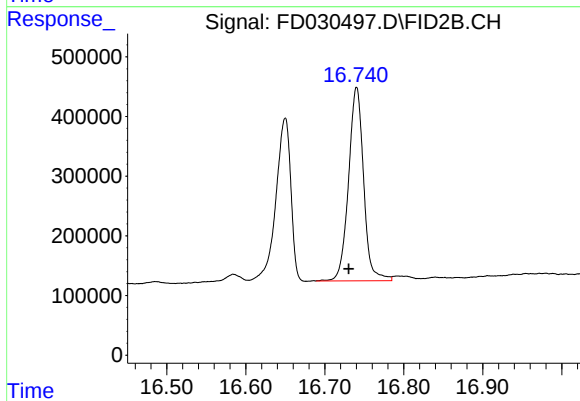
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: 0.008 min
Response: 3407408
Conc: 26.83 ug/ml m



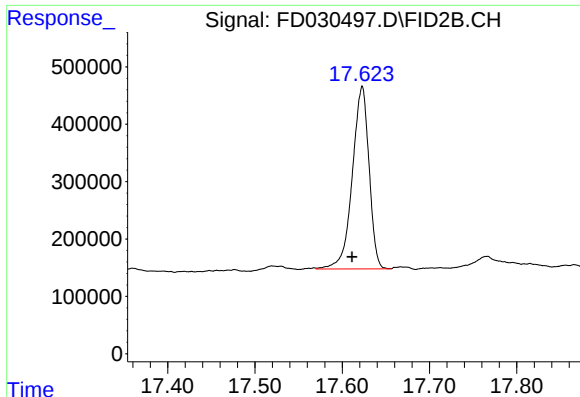
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: 0.009 min
Response: 4270133
Conc: 34.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: 0.009 min
Response: 4305735
Conc: 35.31 ug/ml m



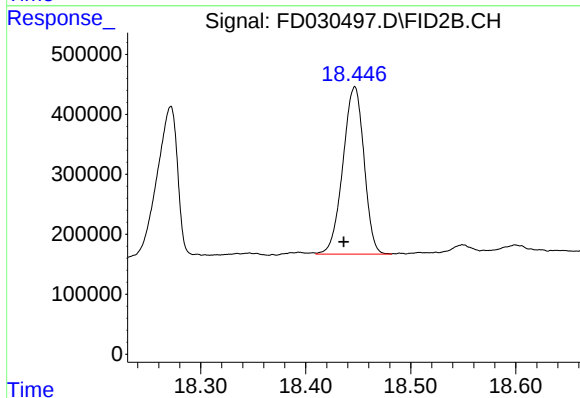
#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: 0.011 min
Response: 4236475
Conc: 35.63 ug/ml m

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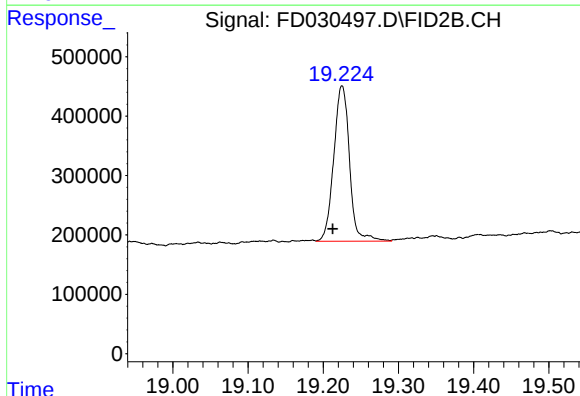
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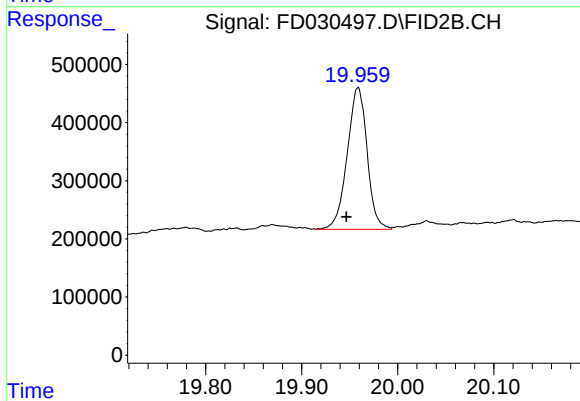
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.010 min
Response: 3888874
Conc: 33.92 ug/ml m



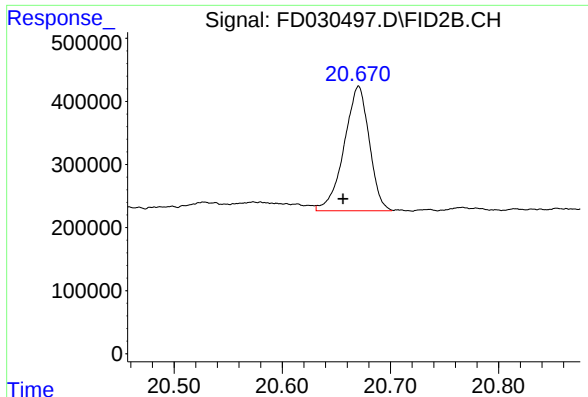
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: 0.012 min
Response: 3815338
Conc: 35.14 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.959 min
Delta R.T.: 0.012 min
Response: 3509791
Conc: 34.19 ug/ml m



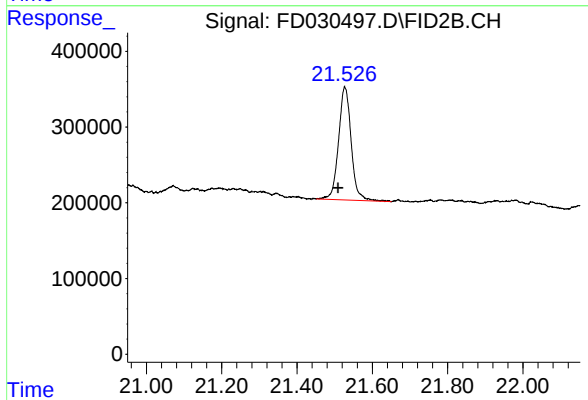
#21 n-Octatriacontane (C38)

R.T.: 20.670 min
Delta R.T.: 0.014 min
Response: 3187059
Conc: 32.85 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.527 min
Delta R.T.: 0.018 min
Response: 3473629
Conc: 33.88 ug/ml