

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030222AL\
 Data File : FD041354.D
 Signal(s) : FID2B.CH
 Acq On : 02 Mar 2022 15:23
 Operator : UA/NP
 Sample : N1708-11MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PPSP-B19-22.5-23.0MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/03/2022
 Supervised By :Ankita Jodhani 03/03/2022

Integration File: autoint1.e
 Quant Time: Mar 03 01:14:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 2022
 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)	11.275	7406214	42.697 ug/mlm
Spiked Amount 50.000		Recovery =	85.39%
12) S 1-chlorooctadecane (S...	12.703	4807219	35.508 ug/mlm
Spiked Amount 50.000		Recovery =	71.02%
Target Compounds			
1) T n-Nonane (C9)	3.111	5069482	34.813 ug/ml
2) T n-Decane (C10)	4.159	6328672	43.830 ug/ml
3) T A~Naphthalene (C11.7)	5.721	15461710	96.790 ug/mlm
4) T n-Dodecane (C12)	6.164	13864493	93.613 ug/mlm
5) T A~2-methylnaphthalene...	6.793	61343764	383.327 ug/mlm
6) T n-Tetradecane (C14)	7.909	23668658	158.099 ug/mlm
7) T n-Hexadecane (C16)	9.539	14885558	97.781 ug/mlm
8) T n-Octadecane (C18)	10.974	10488719	67.482 ug/mlm
10) T n-Eicosane (C20)	12.268	7372794	47.492 ug/mlm
11) T n-Heneicosane (C21)	12.872	8556295	54.643 ug/mlm
13) T n-Docosane (C22)	13.451	6599356	42.138 ug/mlm
14) T n-Tetracosane (C24)	14.543	6160624	39.277 ug/mlm
15) T n-Hexacosane (C26)	15.558	5857309	38.123 ug/mlm
16) T n-Octacosane (C28)	16.501	5691760	38.244 ug/ml
17) T n-Tricontane (C30)	17.385	5344553	37.984 ug/ml
18) T n-Dotriacontane (C32)	18.212	5128208	40.308 ug/ml
19) T n-Tetratriacontane (C34)	18.991	5032094	44.181 ug/ml
20) T n-Hexatriacontane (C36)	19.728	4938567	48.184 ug/ml
21) T n-Octatriacontane (C38)	20.424	4879097	51.389 ug/mlm
22) T n-Tetracontane (C40)	21.214	4947394	52.203 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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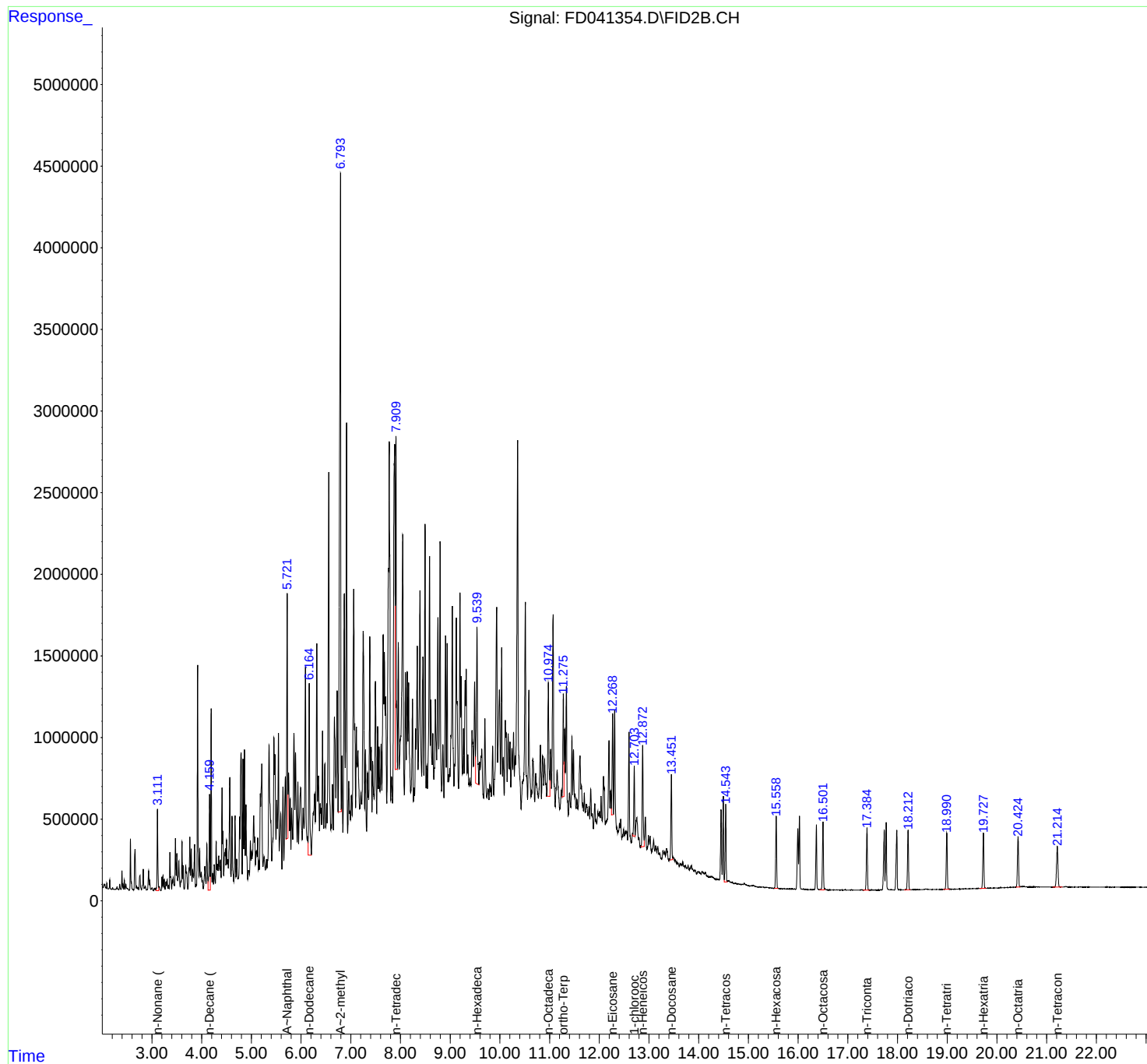
Instrument :
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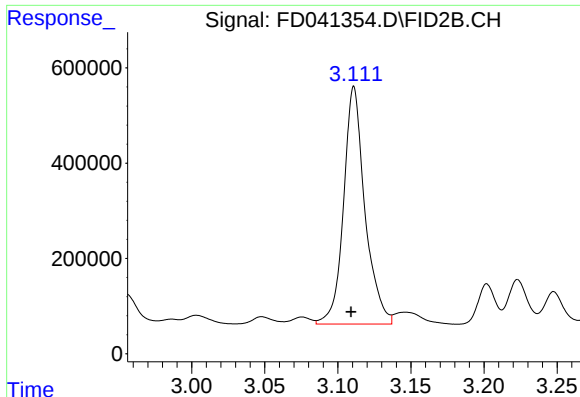
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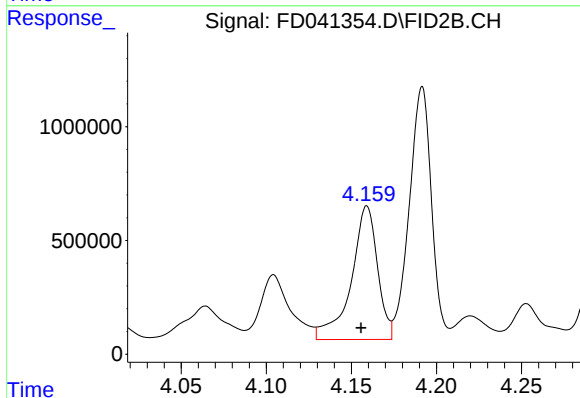
#1 n-Nonane (C9)

R.T.: 3.111 min
Delta R.T.: 0.002 min
Response: 5069482
Conc: 34.81 ug/ml

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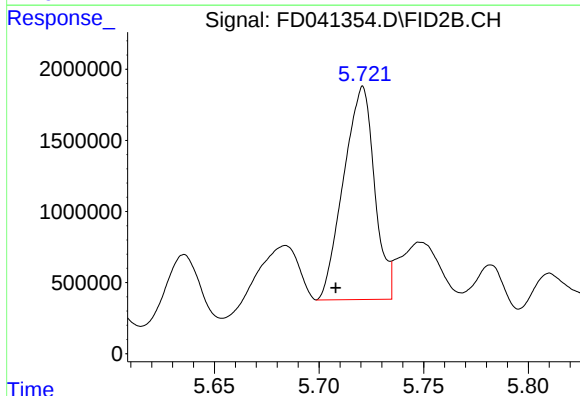
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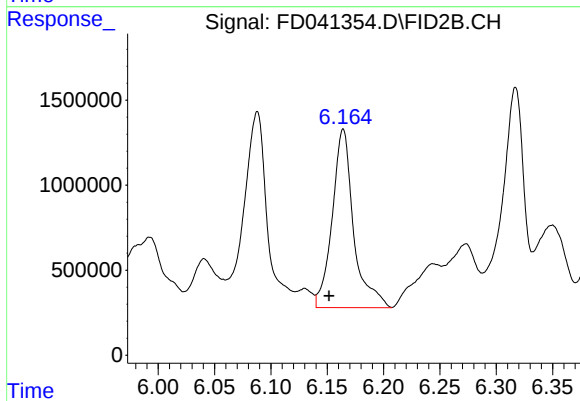
#2 n-Decane (C10)

R.T.: 4.159 min
Delta R.T.: 0.004 min
Response: 6328672
Conc: 43.83 ug/ml



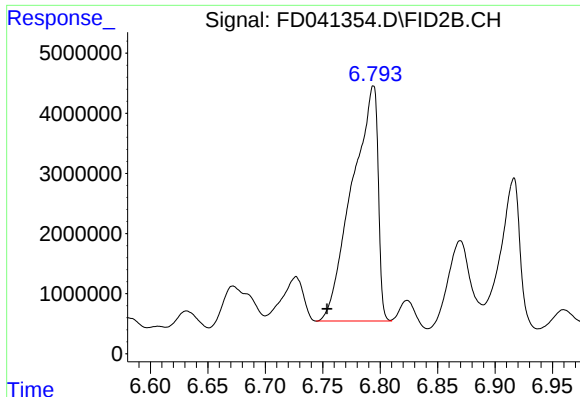
#3 A~Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: 0.013 min
Response: 15461710
Conc: 96.79 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.164 min
Delta R.T.: 0.012 min
Response: 13864493
Conc: 93.61 ug/ml m



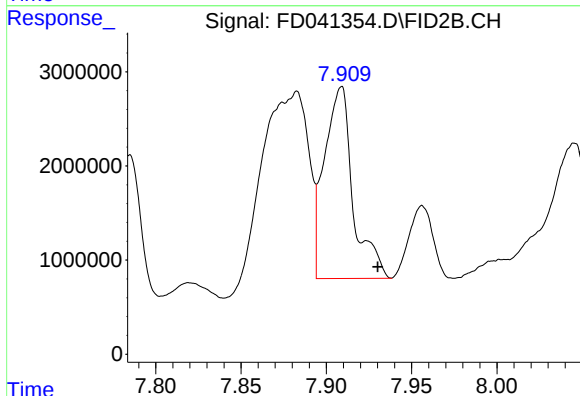
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.793 min
Delta R.T.: 0.040 min
Response: 61343764
Conc: 383.33 ug/ml

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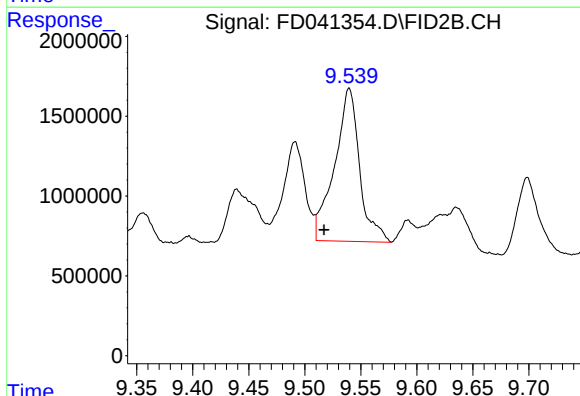
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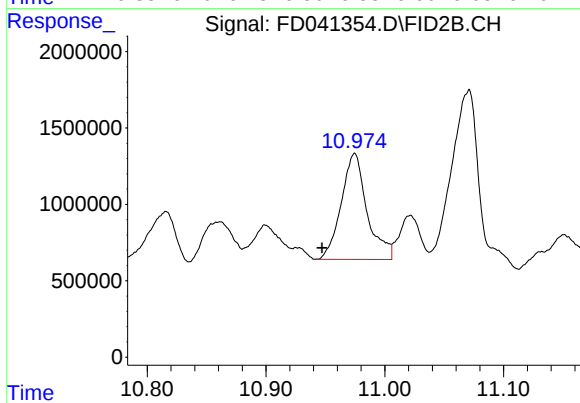
#6 n-Tetradecane (C14)

R.T.: 7.909 min
Delta R.T.: -0.021 min
Response: 23668658
Conc: 158.10 ug/ml m



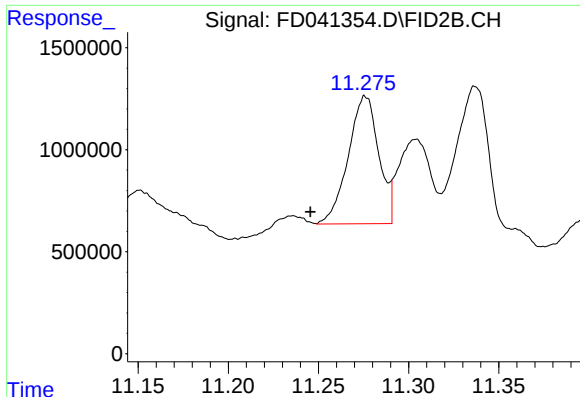
#7 n-Hexadecane (C16)

R.T.: 9.539 min
Delta R.T.: 0.022 min
Response: 14885558
Conc: 97.78 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.974 min
Delta R.T.: 0.027 min
Response: 10488719
Conc: 67.48 ug/ml m



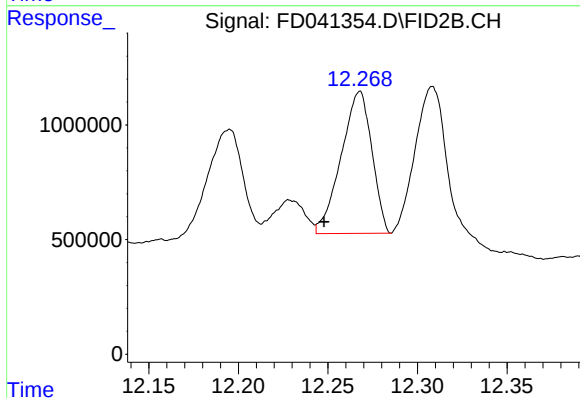
#9 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: 0.029 min
Response: 7406214
Conc: 42.70 ug/ml

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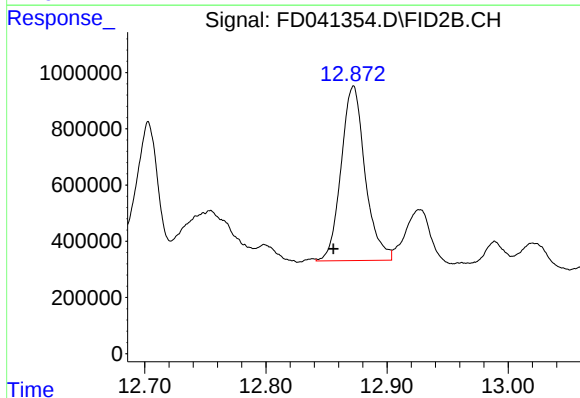
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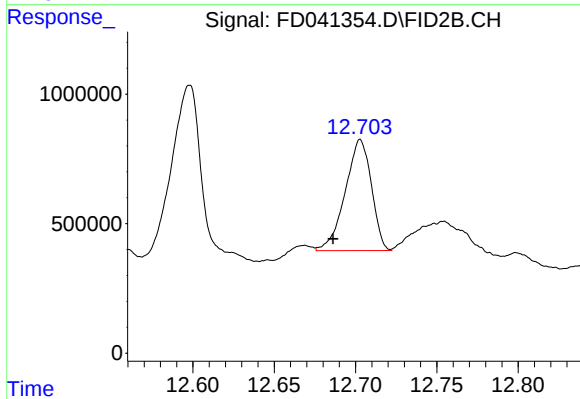
#10 n-Eicosane (C20)

R.T.: 12.268 min
Delta R.T.: 0.020 min
Response: 7372794
Conc: 47.49 ug/ml m



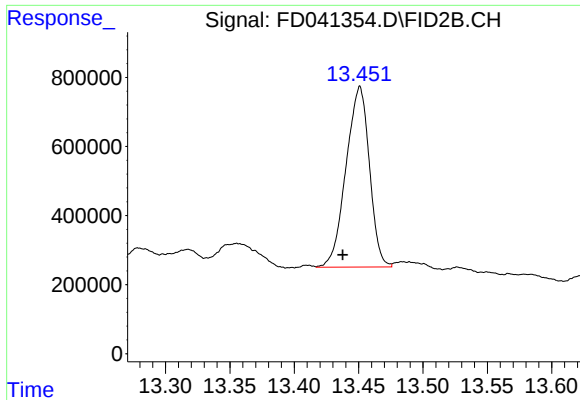
#11 n-Heneicosane (C21)

R.T.: 12.872 min
Delta R.T.: 0.016 min
Response: 8556295
Conc: 54.64 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.703 min
Delta R.T.: 0.017 min
Response: 4807219
Conc: 35.51 ug/ml m



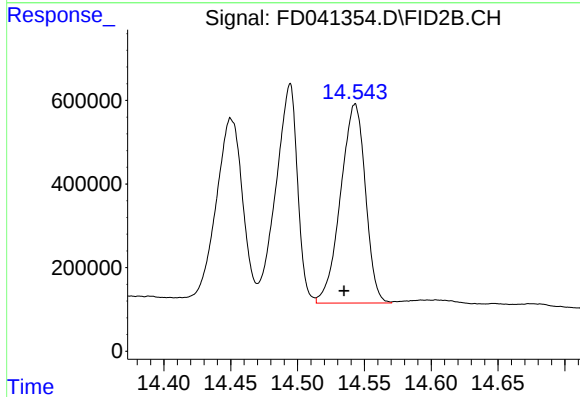
#13 n-Docosane (C22)

R.T.: 13.451 min
Delta R.T.: 0.013 min
Response: 6599356
Conc: 42.14 ug/ml

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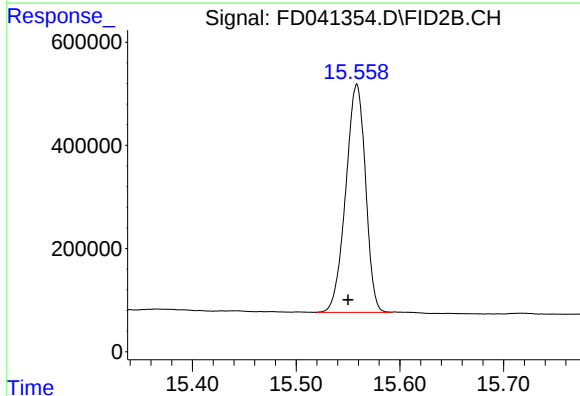
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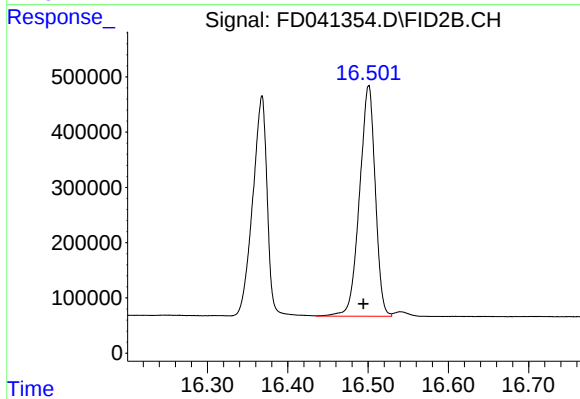
#14 n-Tetracosane (C24)

R.T.: 14.543 min
Delta R.T.: 0.008 min
Response: 6160624
Conc: 39.28 ug/ml m



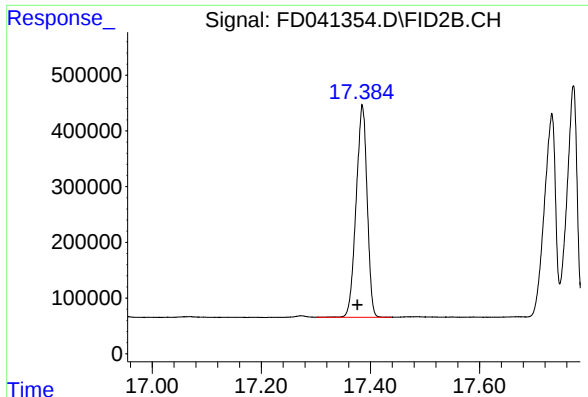
#15 n-Hexacosane (C26)

R.T.: 15.558 min
Delta R.T.: 0.008 min
Response: 5857309
Conc: 38.12 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.501 min
Delta R.T.: 0.007 min
Response: 5691760
Conc: 38.24 ug/ml



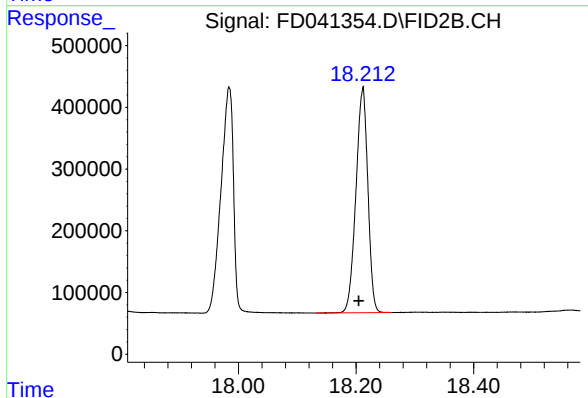
#17 n-Tricontane (C30)

R.T.: 17.385 min
Delta R.T.: 0.009 min
Response: 5344553
Conc: 37.98 ug/ml

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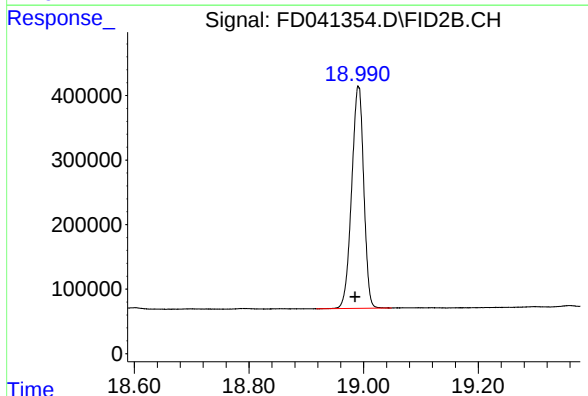
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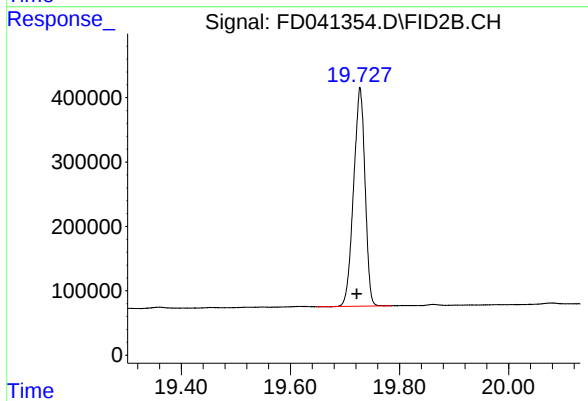
#18 n-Dotriacontane (C32)

R.T.: 18.212 min
Delta R.T.: 0.007 min
Response: 5128208
Conc: 40.31 ug/ml



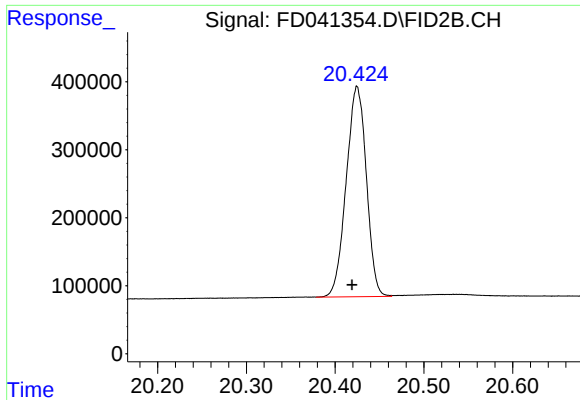
#19 n-Tetratriacontane (C34)

R.T.: 18.991 min
Delta R.T.: 0.006 min
Response: 5032094
Conc: 44.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.728 min
Delta R.T.: 0.006 min
Response: 4938567
Conc: 48.18 ug/ml



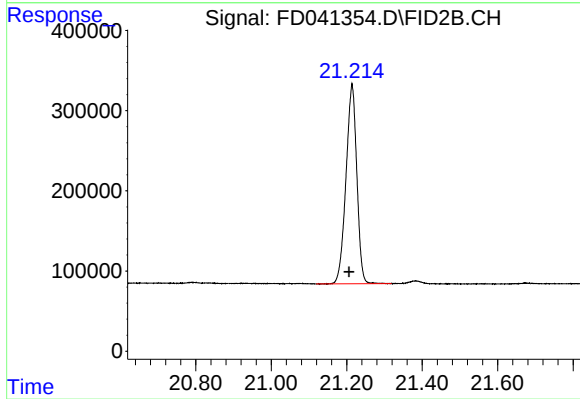
#21 n-Octatriacontane (C38)

R.T.: 20.424 min
Delta R.T.: 0.005 min
Response: 4879097
Conc: 51.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.214 min
Delta R.T.: 0.008 min
Response: 4947394
Conc: 52.20 ug/ml