

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011922AL\
 Data File : FD040680.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jan 2022 17:48
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/20/2022
 Supervised By :Ankita Jodhani 01/20/2022

Integration File: sample.E
 Quant Time: Jan 20 01:39:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.617	2631022	17.064 ug/ml
Spiked Amount 50.000		Recovery =	34.13%
12) S 1-chlorooctadecane (S...	12.056	1993473	16.936 ug/ml
Spiked Amount 50.000		Recovery =	33.87%
Target Compounds			
1) T n-Nonane (C9)	2.567	2294835	17.875 ug/ml
2) T n-Decane (C10)	3.553	2350933	18.257 ug/ml
3) T A~Naphthalene (C11.7)	5.084	2581308	18.169 ug/ml
4) T n-Dodecane (C12)	5.522	2385163	18.661 ug/ml
5) T A~2-methylnaphthalene...	6.124	2594330	18.390 ug/ml
6) T n-Tetradecane (C14)	7.298	2446737	18.888 ug/ml
7) T n-Hexadecane (C16)	8.886	2451245	18.815 ug/ml
8) T n-Octadecane (C18)	10.317	2474499	18.262 ug/ml
10) T n-Eicosane (C20)	11.618	2412524	17.737 ug/ml
11) T n-Heneicosane (C21)	12.226	2368805	17.106 ug/ml
13) T n-Docosane (C22)	12.810	2460418	17.844 ug/ml
14) T n-Tetracosane (C24)	13.905	2643759	18.908 ug/ml
15) T n-Hexacosane (C26)	14.921	2686763	19.491 ug/ml
16) T n-Octacosane (C28)	15.866	2823746	20.811 ug/ml
17) T n-Tricontane (C30)	16.750	2932080	22.496 ug/ml
18) T n-Dotriacontane (C32)	17.577	2811170	23.516 ug/ml
19) T n-Tetratriacontane (C34)	18.357	2383184	22.634 ug/ml
20) T n-Hexatriacontane (C36)	19.094	1966784	19.409 ug/ml
21) T n-Octatriacontane (C38)	19.791	1739549	19.470 ug/ml
22) T n-Tetracontane (C40)	20.593	1626347	19.026 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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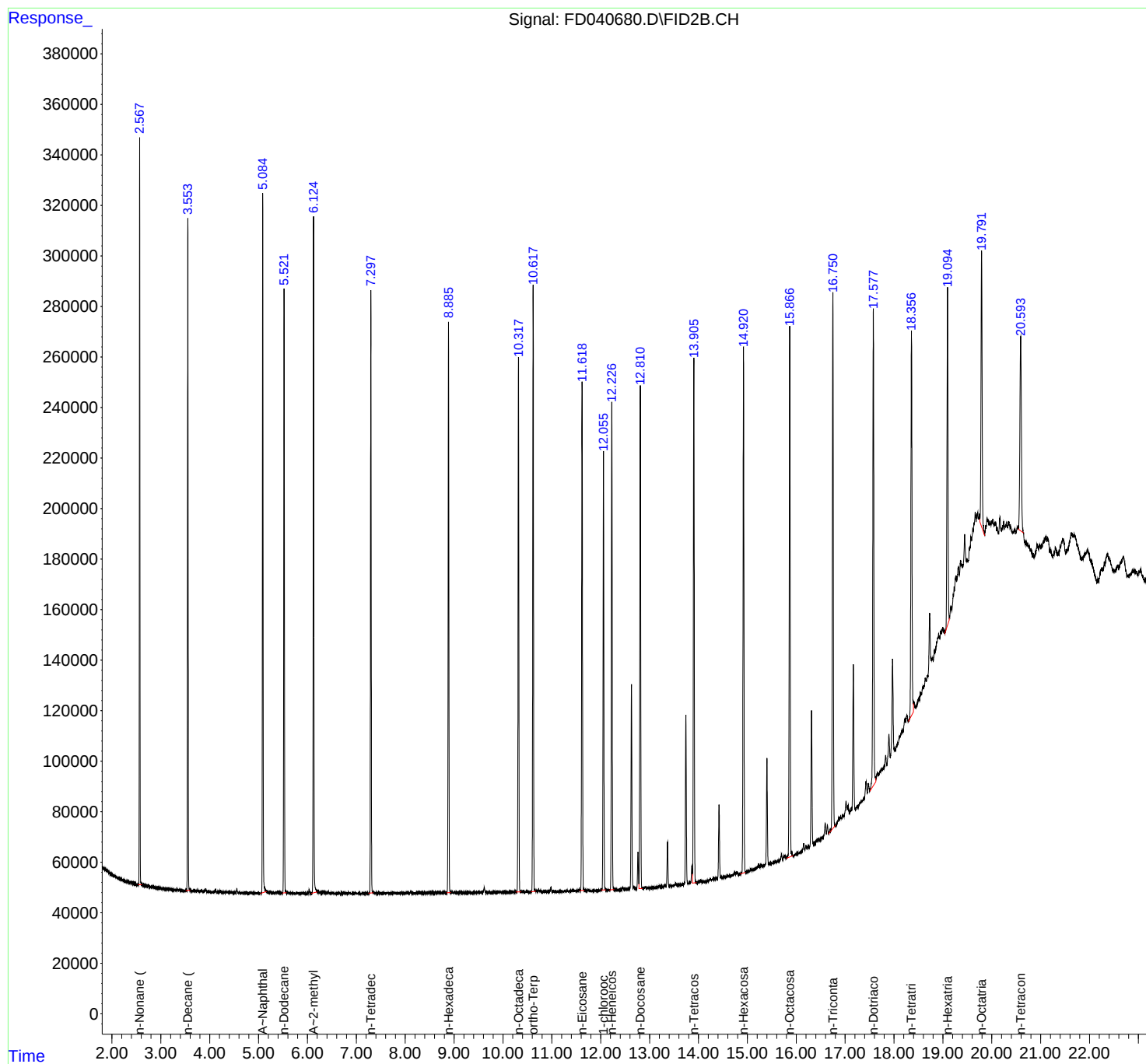
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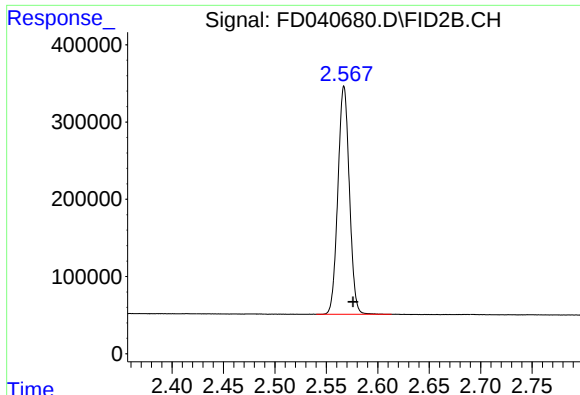
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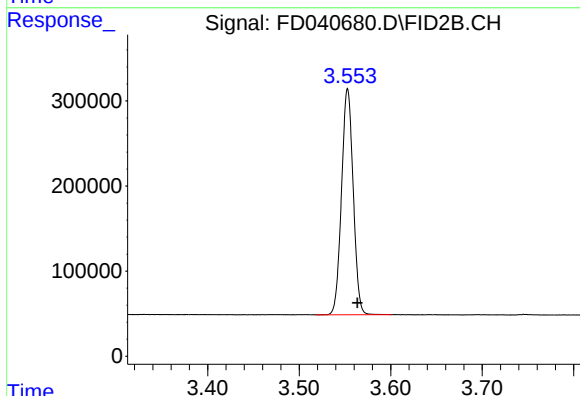
#1 n-Nonane (C9)

R.T.: 2.567 min
Delta R.T.: -0.009 min
Response: 2294835
Conc: 17.88 ug/ml

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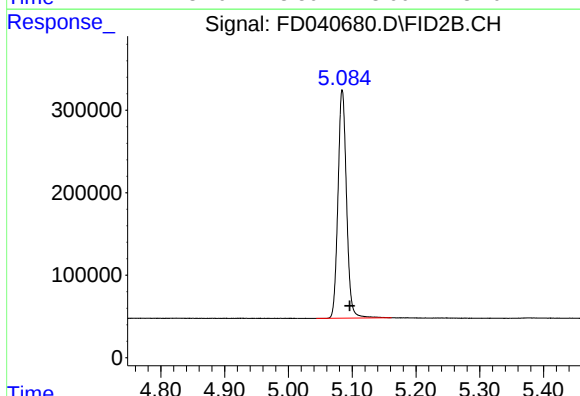
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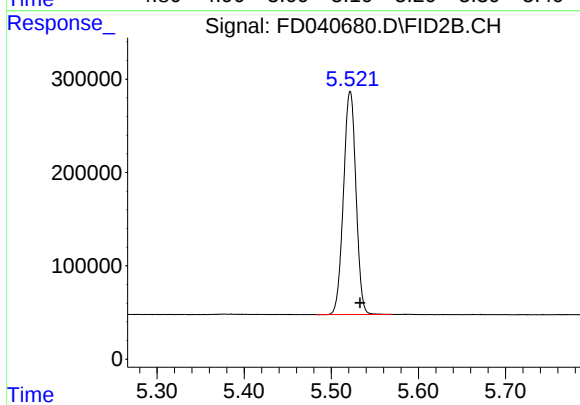
#2 n-Decane (C10)

R.T.: 3.553 min
Delta R.T.: -0.010 min
Response: 2350933
Conc: 18.26 ug/ml



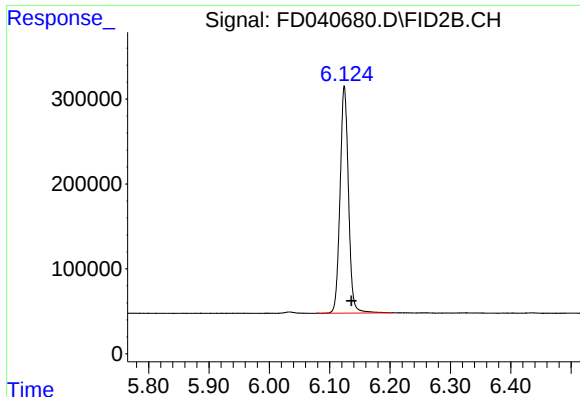
#3 A~Naphthalene (C11.7)

R.T.: 5.084 min
Delta R.T.: -0.012 min
Response: 2581308
Conc: 18.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.522 min
Delta R.T.: -0.011 min
Response: 2385163
Conc: 18.66 ug/ml



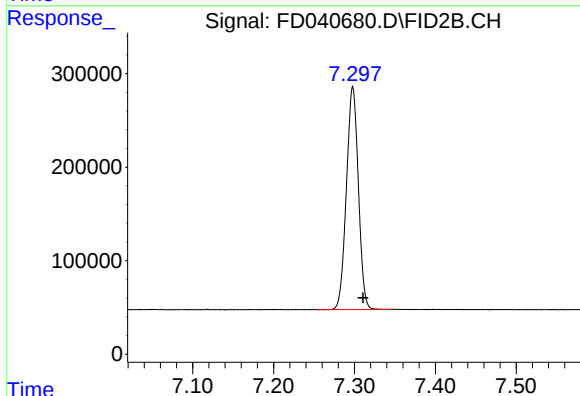
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.124 min
Delta R.T.: -0.012 min
Response: 2594330
Conc: 18.39 ug/ml

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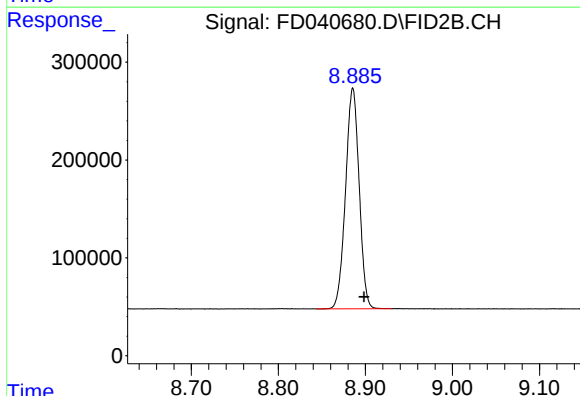
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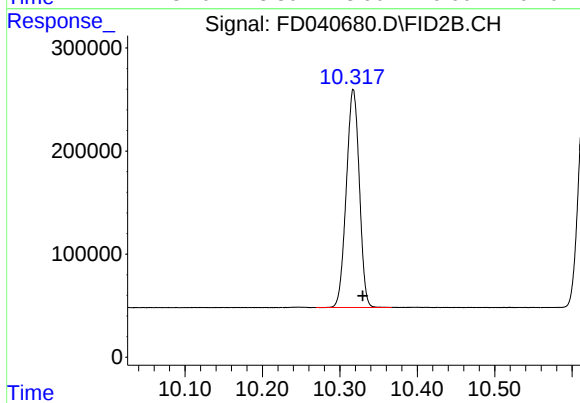
#6 n-Tetradecane (C14)

R.T.: 7.298 min
Delta R.T.: -0.013 min
Response: 2446737
Conc: 18.89 ug/ml



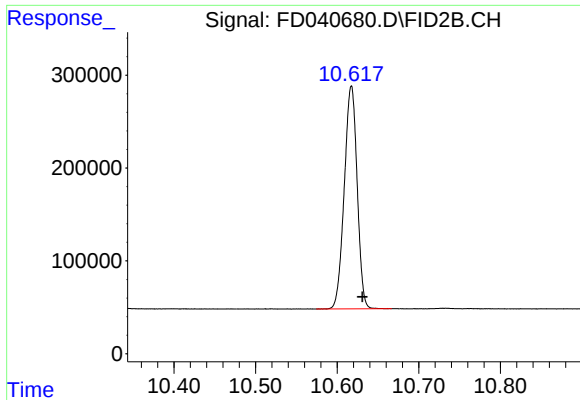
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.013 min
Response: 2451245
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.317 min
Delta R.T.: -0.012 min
Response: 2474499
Conc: 18.26 ug/ml



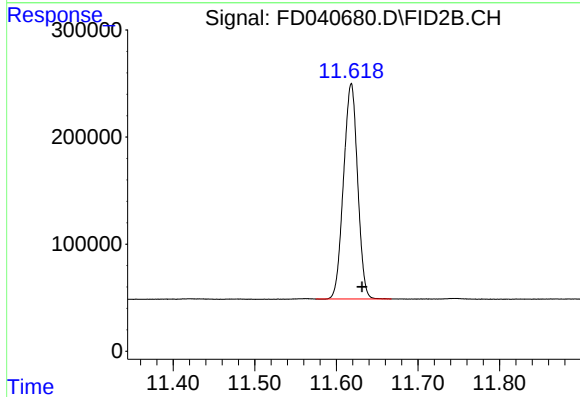
#9 ortho-Terphenyl (SURR)

R.T.: 10.617 min
Delta R.T.: -0.014 min
Response: 2631022
Conc: 17.06 ug/ml

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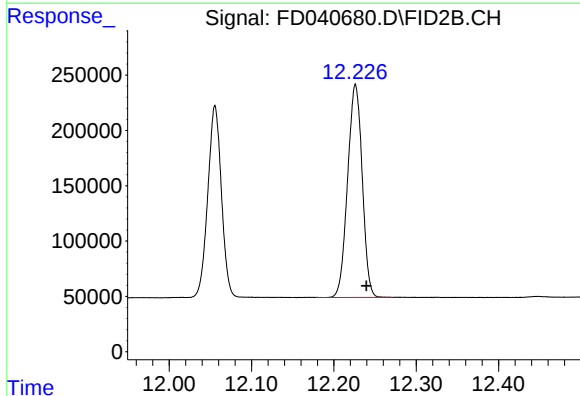
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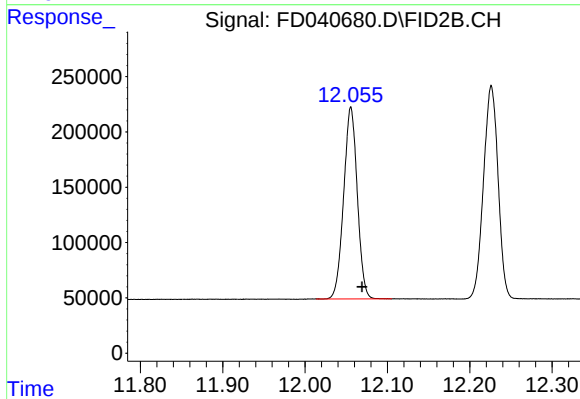
#10 n-Eicosane (C20)

R.T.: 11.618 min
Delta R.T.: -0.013 min
Response: 2412524
Conc: 17.74 ug/ml



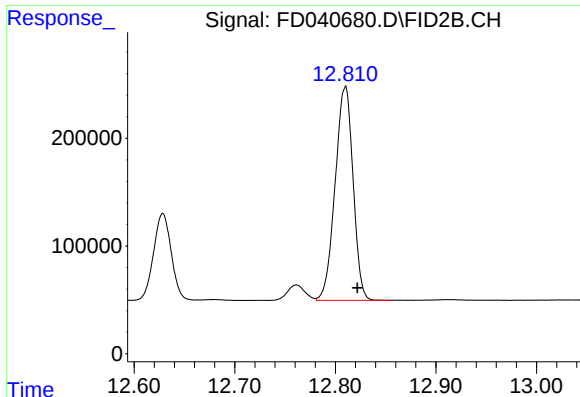
#11 n-Heneicosane (C21)

R.T.: 12.226 min
Delta R.T.: -0.013 min
Response: 2368805
Conc: 17.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.056 min
Delta R.T.: -0.014 min
Response: 1993473
Conc: 16.94 ug/ml



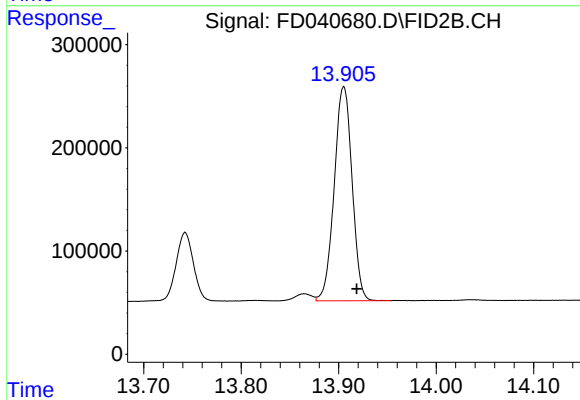
#13 n-Docosane (C22)

R.T.: 12.810 min
Delta R.T.: -0.012 min
Response: 2460418
Conc: 17.84 ug/ml

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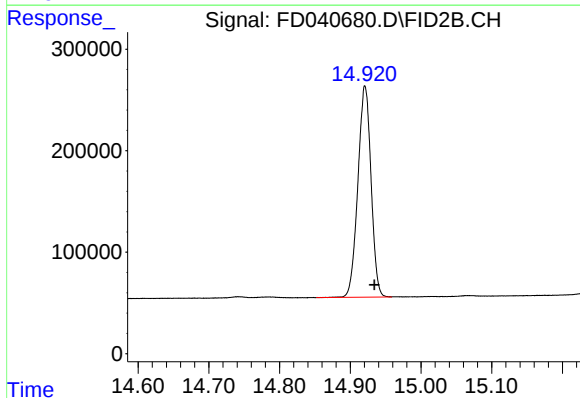
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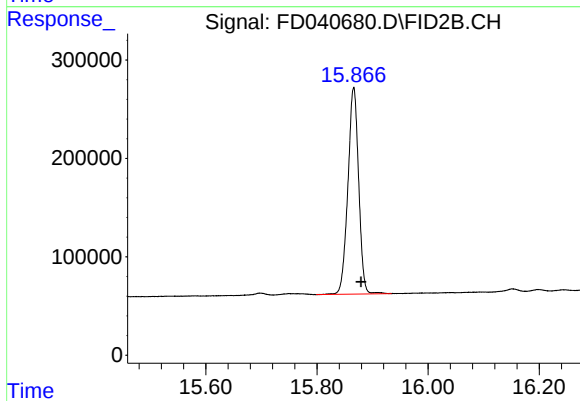
#14 n-Tetracosane (C24)

R.T.: 13.905 min
Delta R.T.: -0.013 min
Response: 2643759
Conc: 18.91 ug/ml



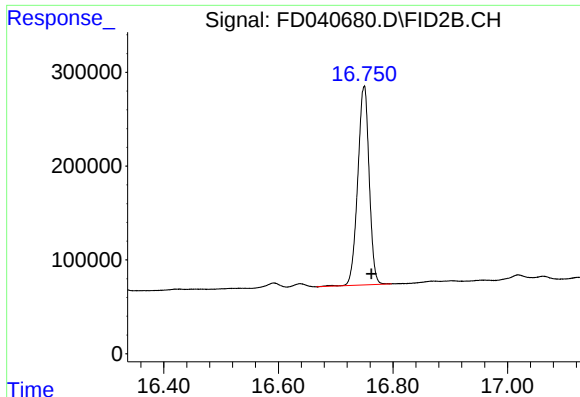
#15 n-Hexacosane (C26)

R.T.: 14.921 min
Delta R.T.: -0.013 min
Response: 2686763
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.866 min
Delta R.T.: -0.013 min
Response: 2823746
Conc: 20.81 ug/ml



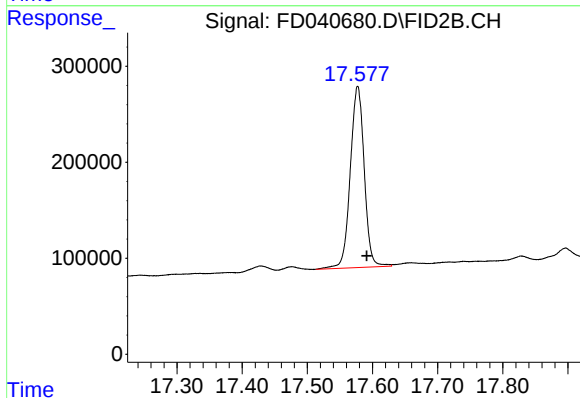
#17 n-Tricontane (C30)

R.T.: 16.750 min
Delta R.T.: -0.013 min
Response: 2932080
Conc: 22.50 ug/ml

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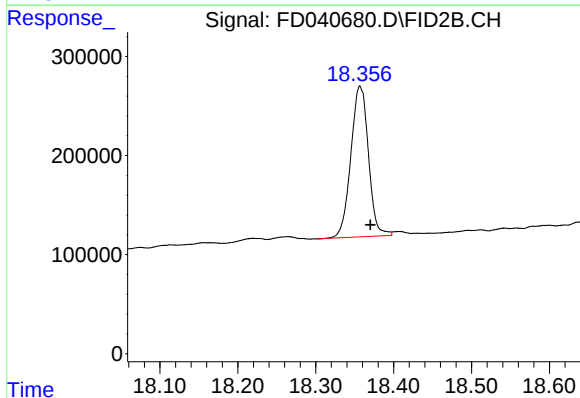
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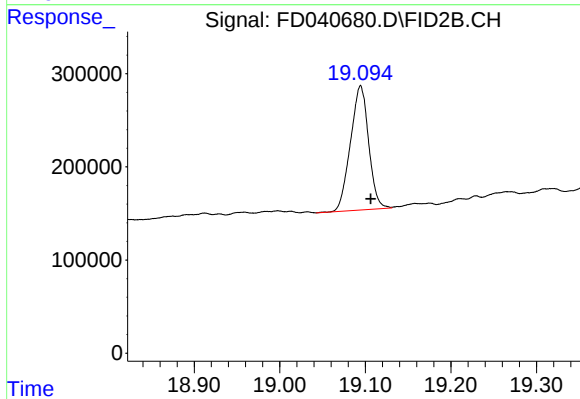
#18 n-Dotriacontane (C32)

R.T.: 17.577 min
Delta R.T.: -0.014 min
Response: 2811170
Conc: 23.52 ug/ml



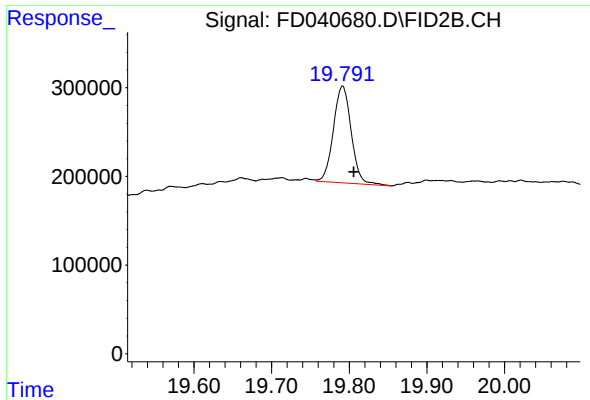
#19 n-Tetratriacontane (C34)

R.T.: 18.357 min
Delta R.T.: -0.013 min
Response: 2383184
Conc: 22.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.094 min
Delta R.T.: -0.012 min
Response: 1966784
Conc: 19.41 ug/ml



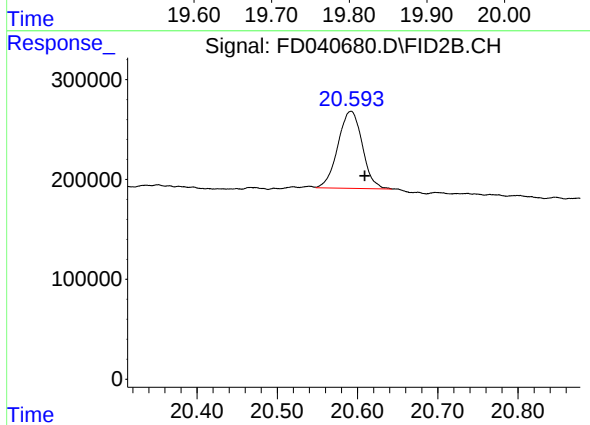
#21 n-Octatriacontane (C38)

R.T.: 19.791 min
Delta R.T.: -0.015 min
Response: 1739549
Conc: 19.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.593 min
Delta R.T.: -0.016 min
Response: 1626347
Conc: 19.03 ug/ml m