

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081621AL\
 Data File : FD038561.D
 Signal(s) : FID2B.CH
 Acq On : 16 Aug 2021 12:22
 Operator : AJ\MA
 Sample : PB138415BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138415BS

Manual Integrations
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 8/17/2021 3:46:05 PM

Integration File: autoint1.e
 Quant Time: Aug 17 03:48:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 2021
 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)	11.367	6243710	45.741 ug/ml
Spiked Amount 50.000		Recovery =	91.48%
12) S 1-chlorooctadecane (S...	12.803	4982856	46.337 ug/ml
Spiked Amount 50.000		Recovery =	92.67%
Target Compounds			
1) T n-Nonane (C9)	3.201	4479339	38.154 ug/ml
2) T n-Decane (C10)	4.249	4775985	40.508 ug/ml
3) T A~Naphthalene (C11.7)	5.809	5572319	42.688 ug/ml
4) T n-Dodecane (C12)	6.246	5178670	43.613 ug/ml
5) T A~2-methylnaphthalene...	6.859	5523672	42.211 ug/ml
6) T n-Tetradecane (C14)	8.033	5652661	46.510 ug/ml
7) T n-Hexadecane (C16)	9.624	6045126	49.463 ug/ml
8) T n-Octadecane (C18)	11.061	6363613	50.544 ug/ml
10) T n-Eicosane (C20)	12.363	6148432	48.776 ug/ml
11) T n-Heneicosane (C21)	12.972	6089035	47.700 ug/ml
13) T n-Docosane (C22)	13.555	5974798	46.933 ug/ml
14) T n-Tetracosane (C24)	14.652	5428171	42.199 ug/ml
15) T n-Hexacosane (C26)	15.671	5554102	43.613 ug/ml
16) T n-Octacosane (C28)	16.614	5361006	42.019 ug/ml
17) T n-Tricontane (C30)	17.500	5024659	39.659 ug/ml
18) T n-Dotriacontane (C32)	18.325	4743164	38.601 ug/ml
19) T n-Tetratriacontane (C34)	19.104	4372313	36.634 ug/ml
20) T n-Hexatriacontane (C36)	19.839	4050267	36.340 ug/mlm
21) T n-Octatriacontane (C38)	20.542	3863340	37.371 ug/mlm
22) T n-Tetracontane (C40)	21.351	4012157	39.974 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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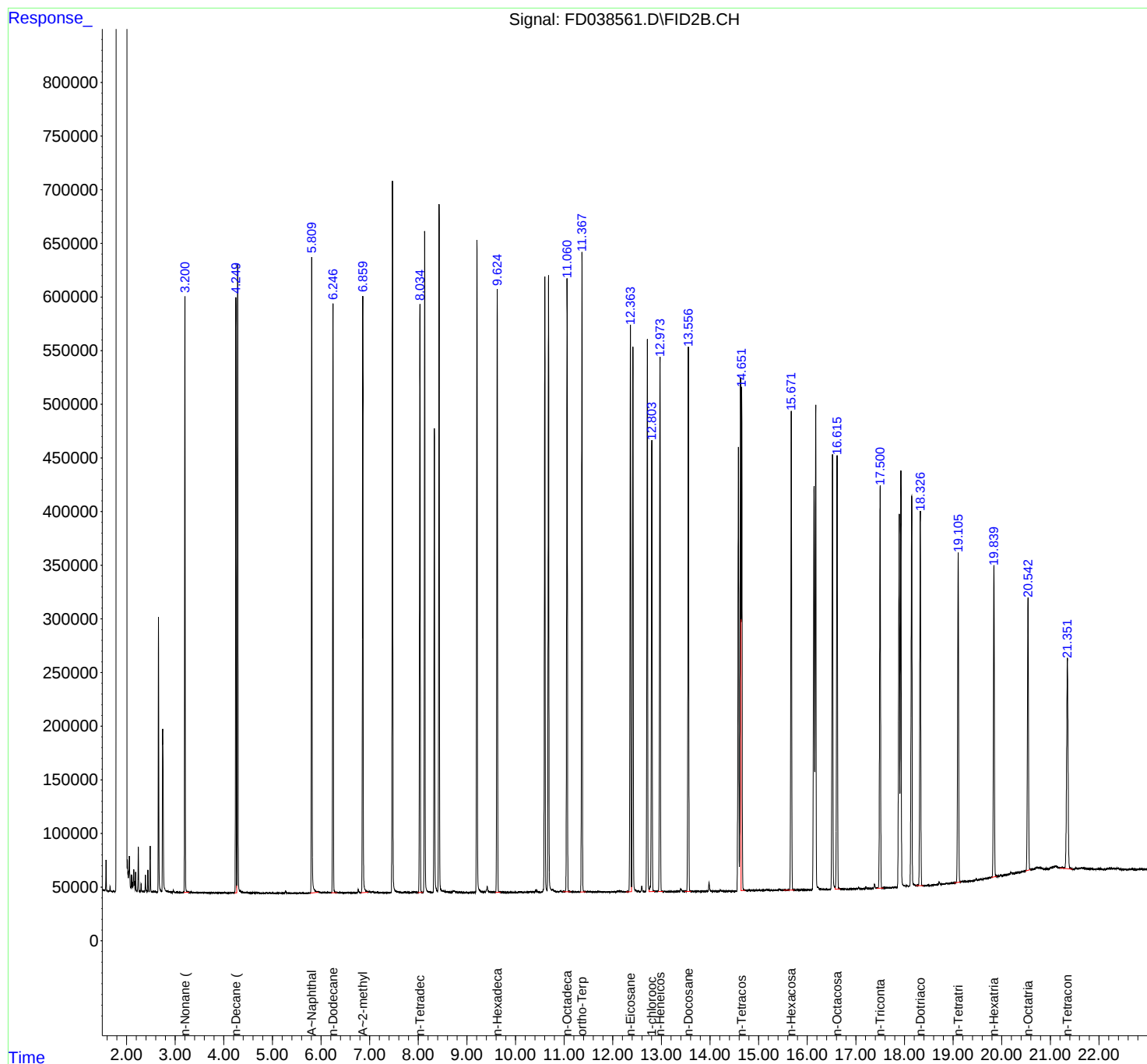
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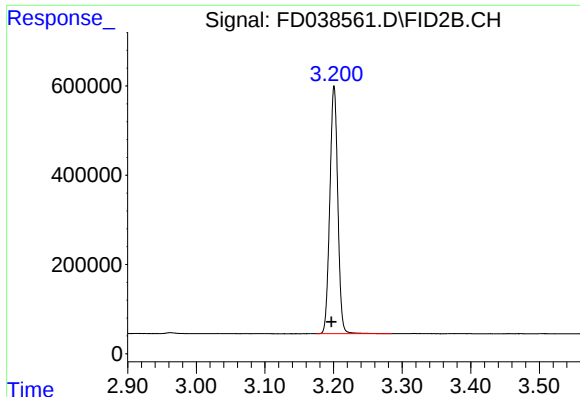
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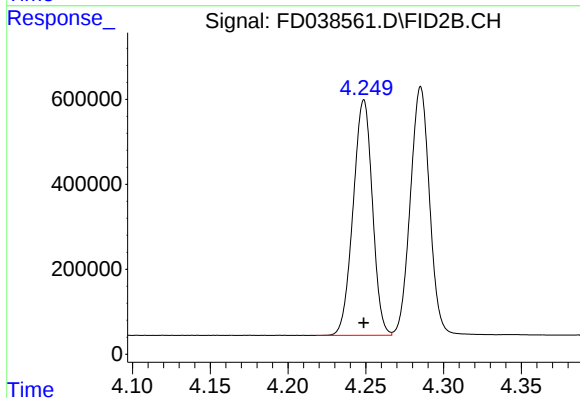
#1 n-Nonane (C9)

R.T.: 3.201 min
Delta R.T.: 0.004 min
Response: 4479339
Conc: 38.15 ug/ml

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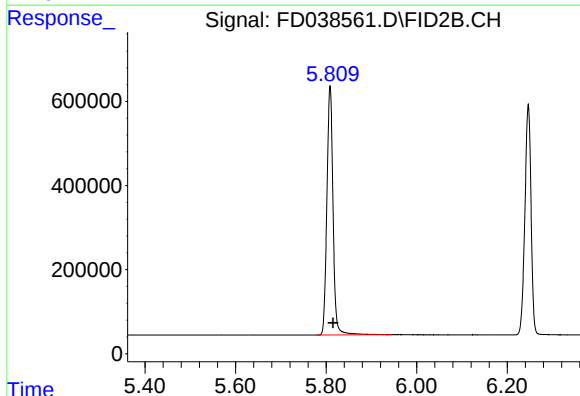
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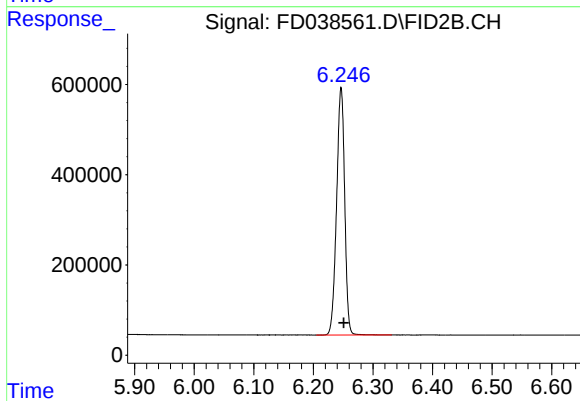
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 4775985
Conc: 40.51 ug/ml



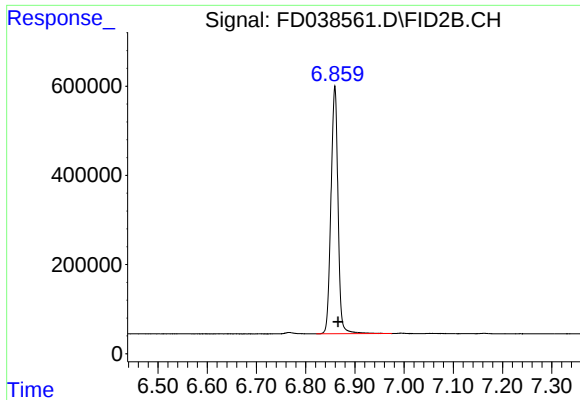
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.007 min
Response: 5572319
Conc: 42.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 5178670
Conc: 43.61 ug/ml



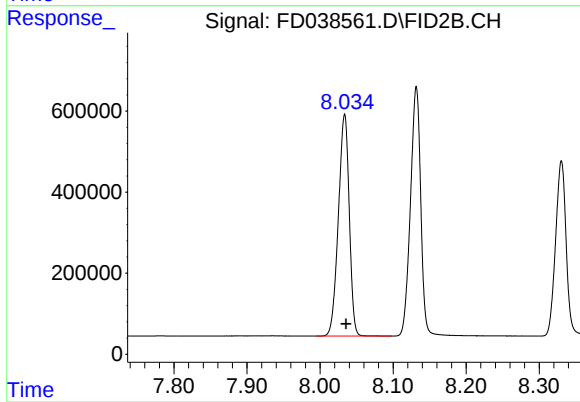
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.007 min
Response: 5523672
Conc: 42.21 ug/ml

Instrument :
FID_D
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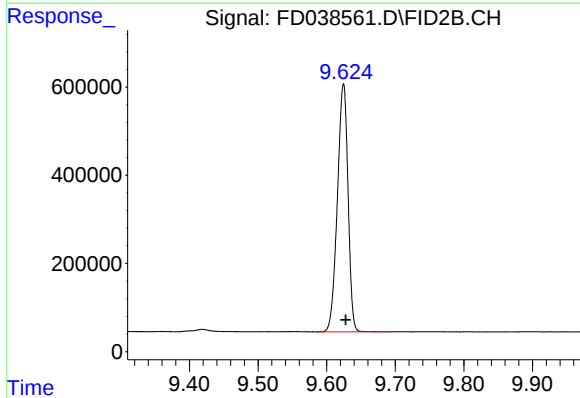
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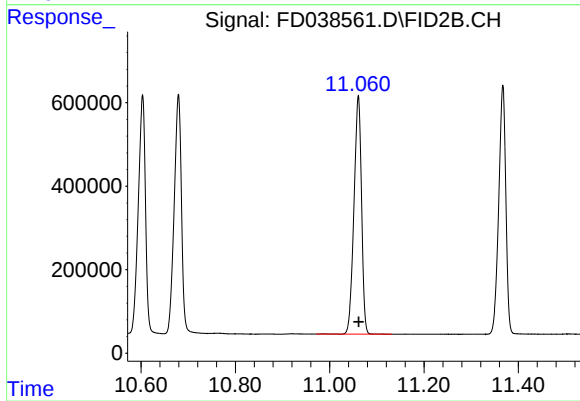
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 5652661
Conc: 46.51 ug/ml



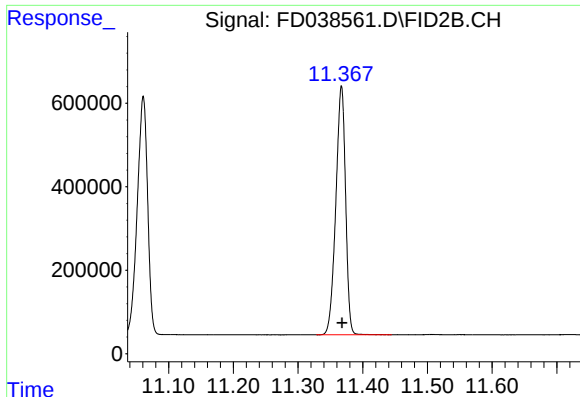
#7 n-Hexadecane (C16)

R.T.: 9.624 min
Delta R.T.: -0.003 min
Response: 6045126
Conc: 49.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.061 min
Delta R.T.: -0.001 min
Response: 6363613
Conc: 50.54 ug/ml



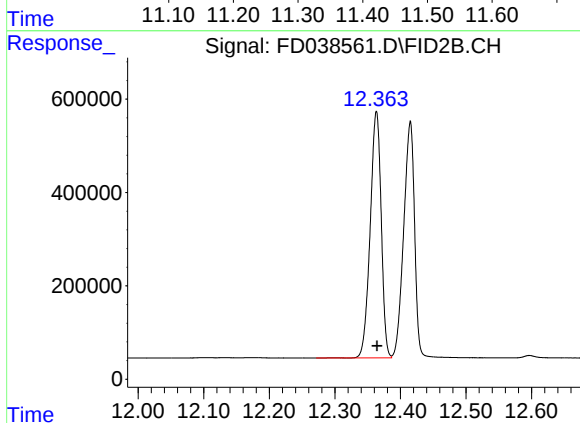
#9 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: -0.001 min
Response: 6243710
Conc: 45.74 ug/ml

Instrument :
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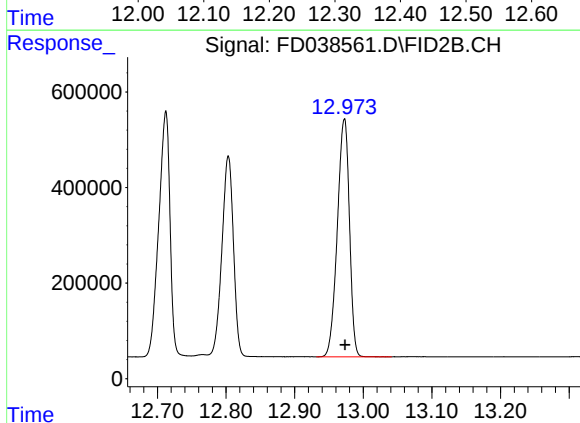
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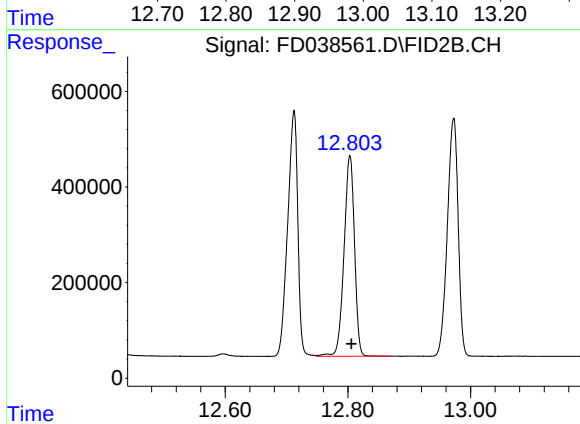
#10 n-Eicosane (C20)

R.T.: 12.363 min
Delta R.T.: -0.001 min
Response: 6148432
Conc: 48.78 ug/ml



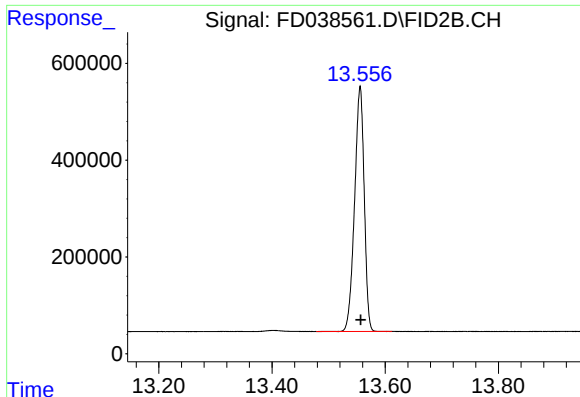
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: -0.001 min
Response: 6089035
Conc: 47.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.803 min
Delta R.T.: -0.002 min
Response: 4982856
Conc: 46.34 ug/ml



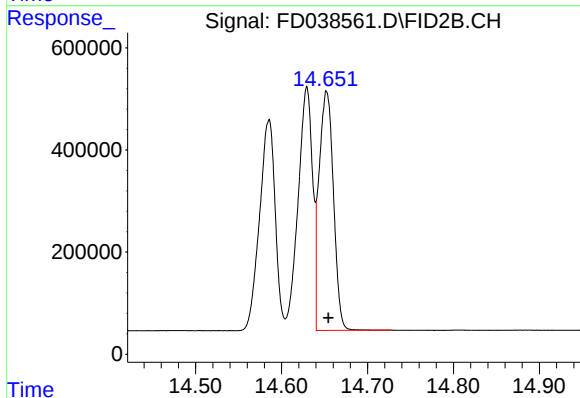
#13 n-Docosane (C22)

R.T.: 13.555 min
Delta R.T.: -0.001 min
Response: 5974798
Conc: 46.93 ug/ml

Instrument :
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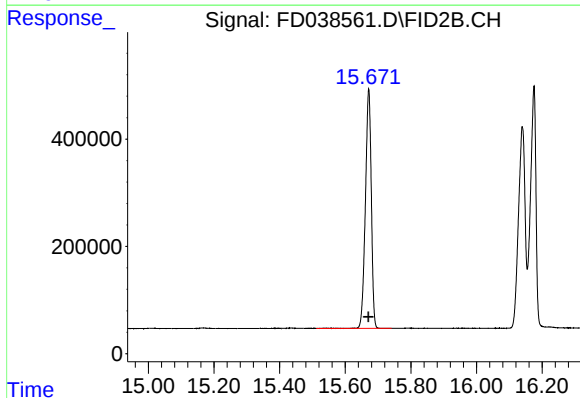
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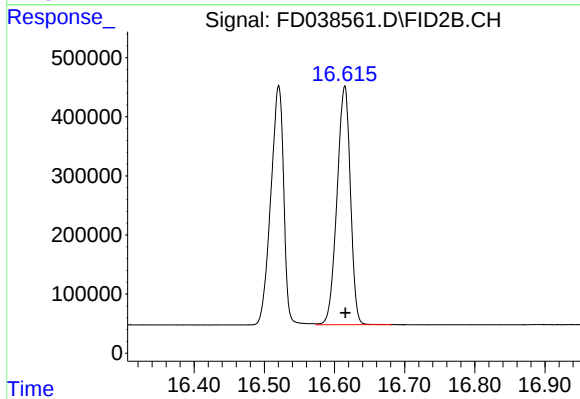
#14 n-Tetracosane (C24)

R.T.: 14.652 min
Delta R.T.: -0.002 min
Response: 5428171
Conc: 42.20 ug/ml



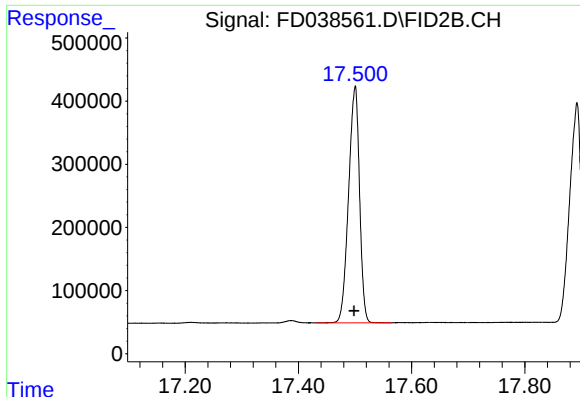
#15 n-Hexacosane (C26)

R.T.: 15.671 min
Delta R.T.: 0.000 min
Response: 5554102
Conc: 43.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.614 min
Delta R.T.: -0.001 min
Response: 5361006
Conc: 42.02 ug/ml



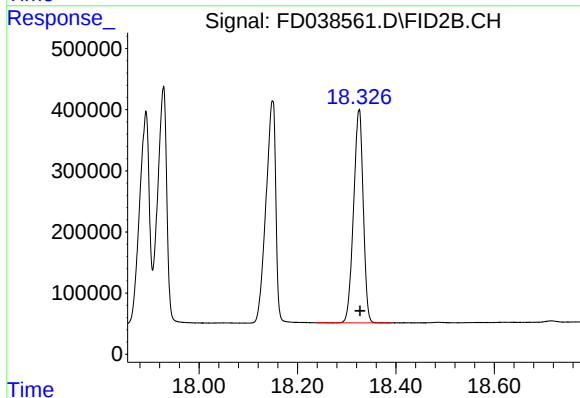
#17 n-Tricontane (C30)

R.T.: 17.500 min
Delta R.T.: 0.002 min
Response: 5024659
Conc: 39.66 ug/ml

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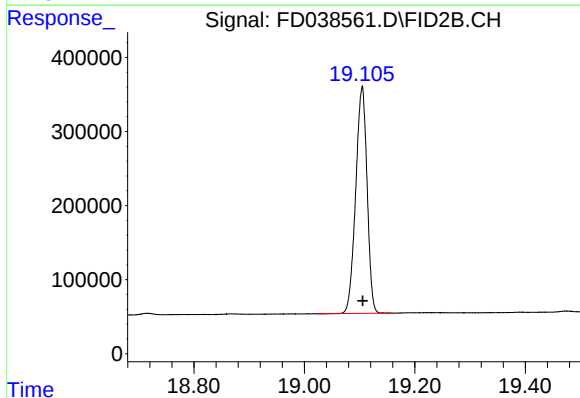
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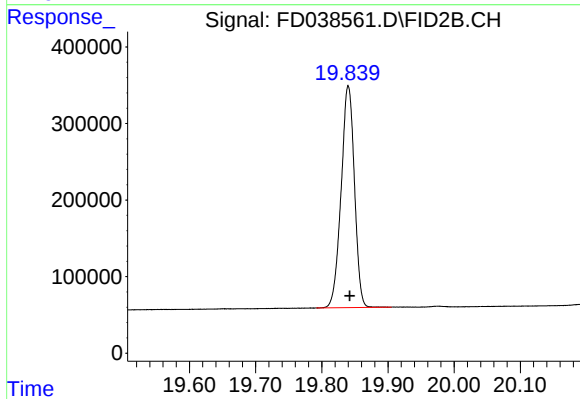
#18 n-Dotriacontane (C32)

R.T.: 18.325 min
Delta R.T.: -0.002 min
Response: 4743164
Conc: 38.60 ug/ml



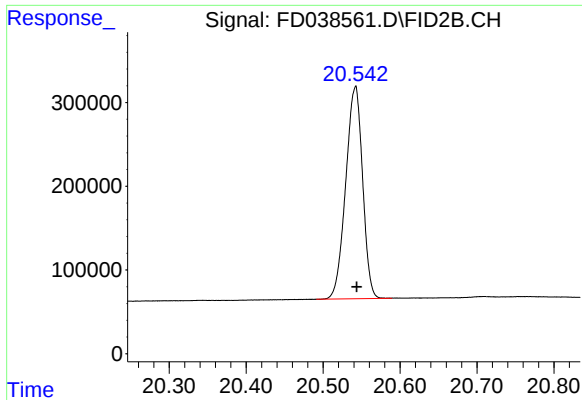
#19 n-Tetratriacontane (C34)

R.T.: 19.104 min
Delta R.T.: -0.001 min
Response: 4372313
Conc: 36.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.839 min
Delta R.T.: -0.003 min
Response: 4050267
Conc: 36.34 ug/ml m



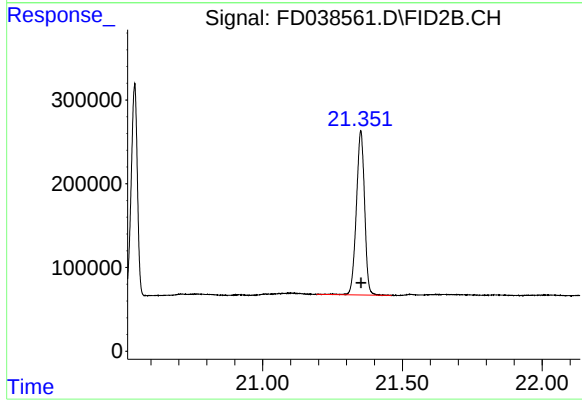
#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: -0.001 min
Response: 3863340
Conc: 37.37 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.351 min
Delta R.T.: -0.001 min
Response: 4012157
Conc: 39.97 ug/ml