

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081221AL\
 Data File : FD038526.D
 Signal(s) : FID2B.CH
 Acq On : 12 Aug 2021 18:09
 Operator : AJ\MA
 Sample : PB138345BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138345BS

Manual Integrations
 APPROVED

mohammad
 8/13/2021 10:10:05 AM

Integration File: autoint1.e
 Quant Time: Aug 13 02:04:49 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)	11.370	5727414	41.958 ug/ml
Spiked Amount 50.000		Recovery =	83.92%
12) S 1-chlorooctadecane (S...	12.807	4586408	42.651 ug/ml
Spiked Amount 50.000		Recovery =	85.30%
Target Compounds			
1) T n-Nonane (C9)	3.197	4618198	39.337 ug/ml
2) T n-Decane (C10)	4.248	4895919	41.525 ug/ml
3) T A~Naphthalene (C11.7)	5.810	5629629	43.127 ug/ml
4) T n-Dodecane (C12)	6.248	5190702	43.714 ug/ml
5) T A~2-methylnaphthalene...	6.861	5466178	41.772 ug/ml
6) T n-Tetradecane (C14)	8.036	5422683	44.618 ug/ml
7) T n-Hexadecane (C16)	9.627	5565663	45.540 ug/ml
8) T n-Octadecane (C18)	11.063	5737055	45.567 ug/ml
10) T n-Eicosane (C20)	12.367	5458699	43.304 ug/ml
11) T n-Heneicosane (C21)	12.975	5366180	42.037 ug/ml
13) T n-Docosane (C22)	13.560	5231713	41.096 ug/ml
14) T n-Tetracosane (C24)	14.656	4737570	36.830 ug/ml
15) T n-Hexacosane (C26)	15.674	4766682	37.430 ug/ml
16) T n-Octacosane (C28)	16.618	4658972	36.517 ug/ml
17) T n-Tricontane (C30)	17.502	4430706	34.971 ug/ml
18) T n-Dotriacontane (C32)	18.330	4248013	34.572 ug/ml
19) T n-Tetratriacontane (C34)	19.109	3968641	33.252 ug/ml
20) T n-Hexatriacontane (C36)	19.845	3707419	33.264 ug/mlm
21) T n-Octatriacontane (C38)	20.546	3533039	34.176 ug/mlm
22) T n-Tetracontane (C40)	21.358	3667563	36.541 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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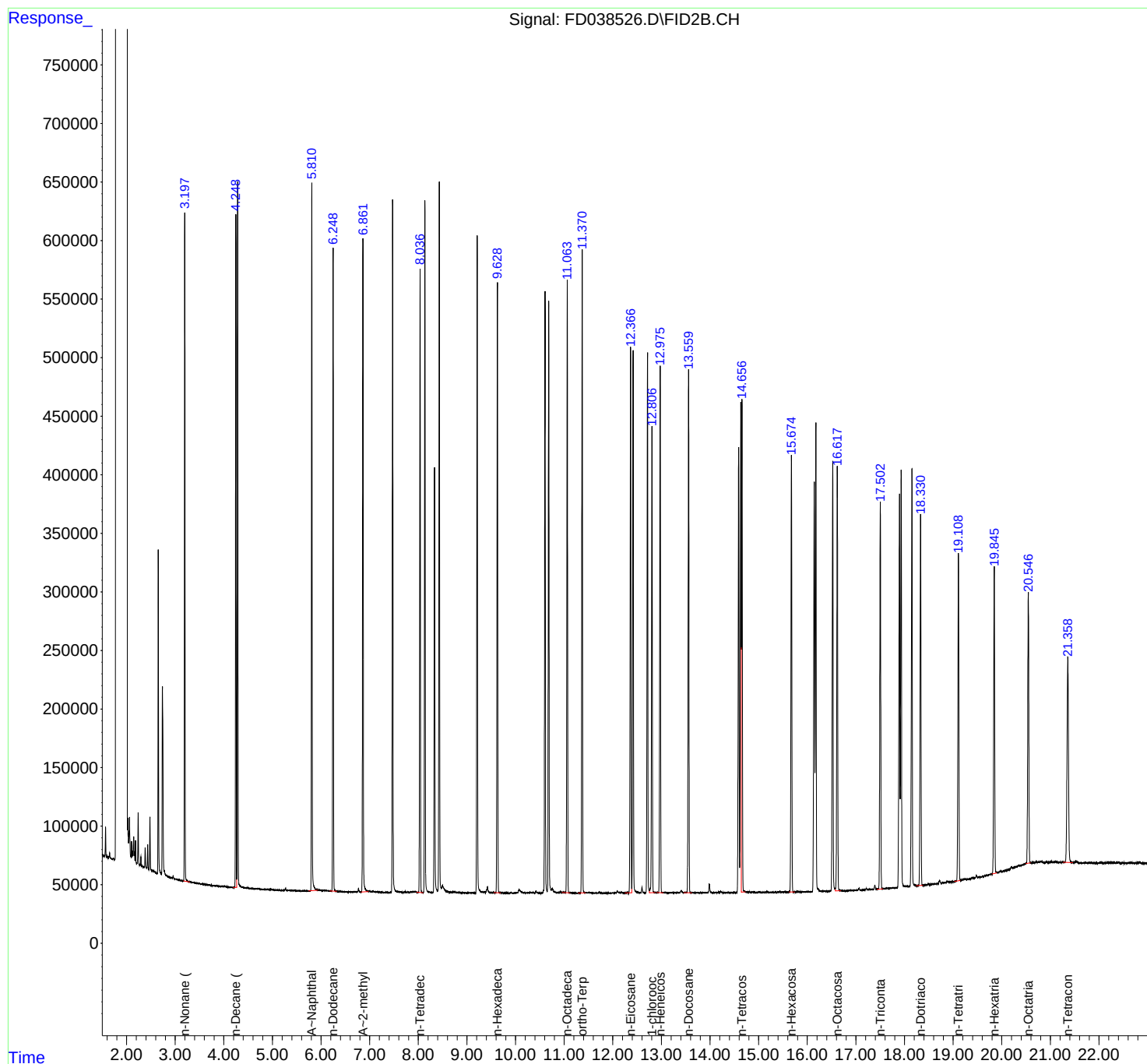
Instrument :
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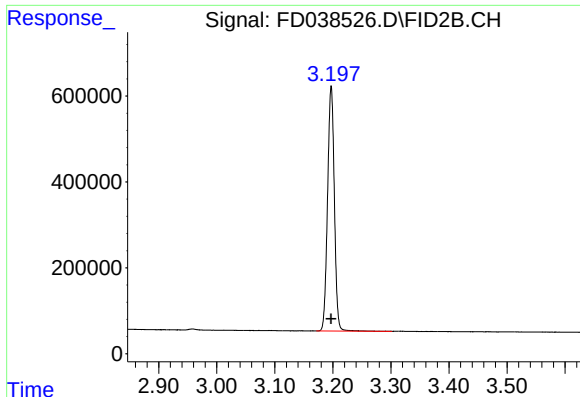
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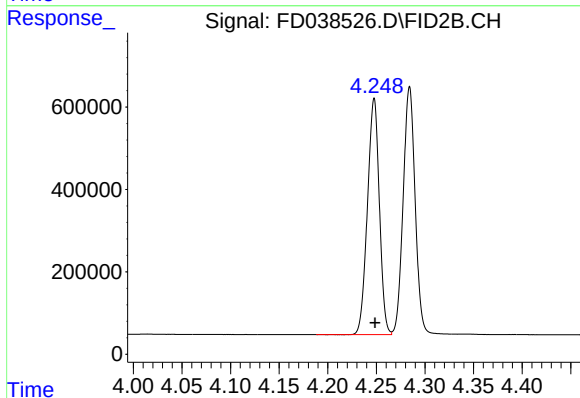
#1 n-Nonane (C9)

R.T.: 3.197 min
Delta R.T.: 0.000 min
Response: 4618198
Conc: 39.34 ug/ml

Instrument :
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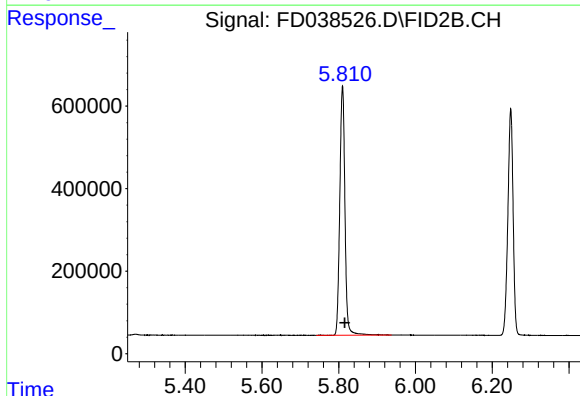
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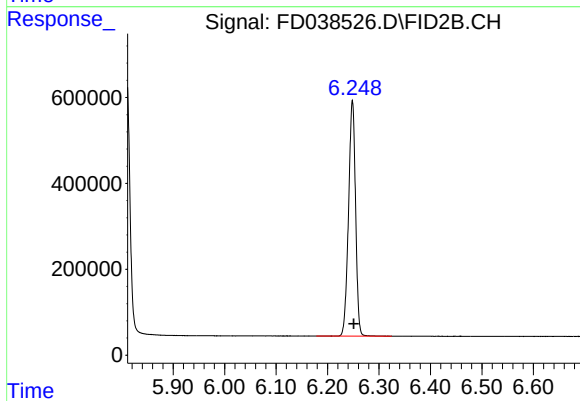
#2 n-Decane (C10)

R.T.: 4.248 min
Delta R.T.: -0.001 min
Response: 4895919
Conc: 41.52 ug/ml



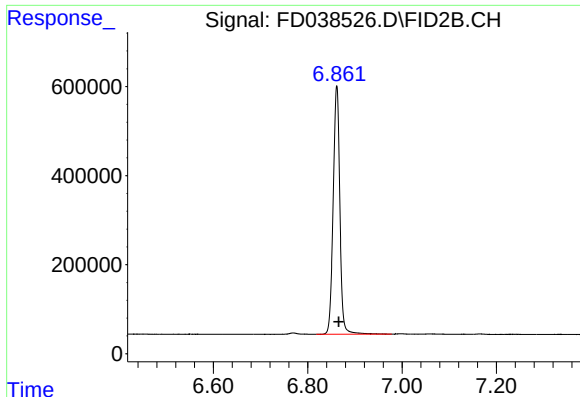
#3 A~Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.006 min
Response: 5629629
Conc: 43.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 5190702
Conc: 43.71 ug/ml



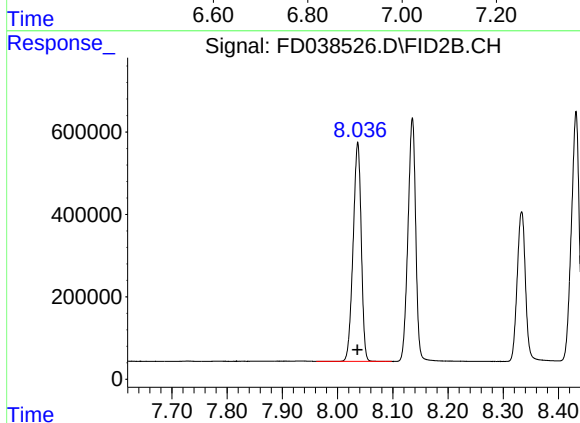
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.005 min
Response: 5466178
Conc: 41.77 ug/ml

Instrument :
FID_D
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PB138345BS

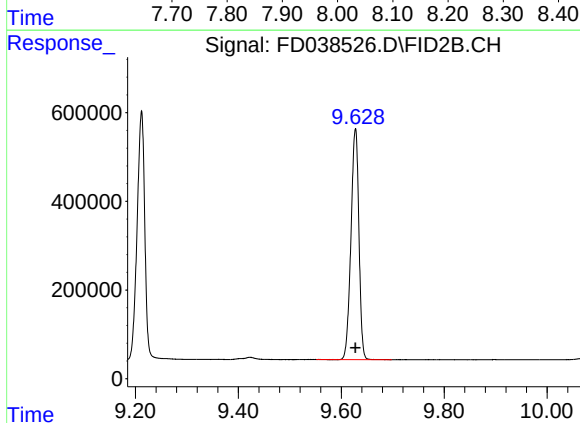
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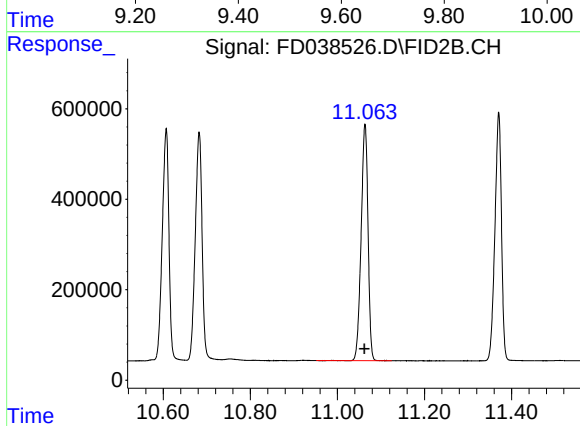
#6 n-Tetradecane (C14)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 5422683
Conc: 44.62 ug/ml



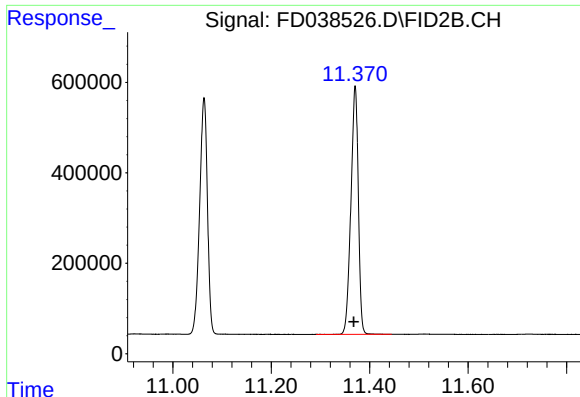
#7 n-Hexadecane (C16)

R.T.: 9.627 min
Delta R.T.: 0.000 min
Response: 5565663
Conc: 45.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.063 min
Delta R.T.: 0.002 min
Response: 5737055
Conc: 45.57 ug/ml



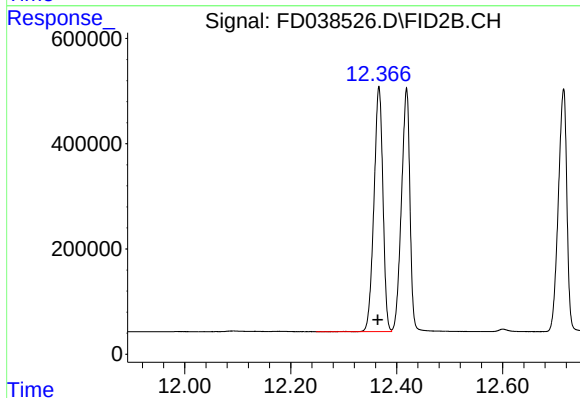
#9 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: 0.002 min
Response: 5727414
Conc: 41.96 ug/ml

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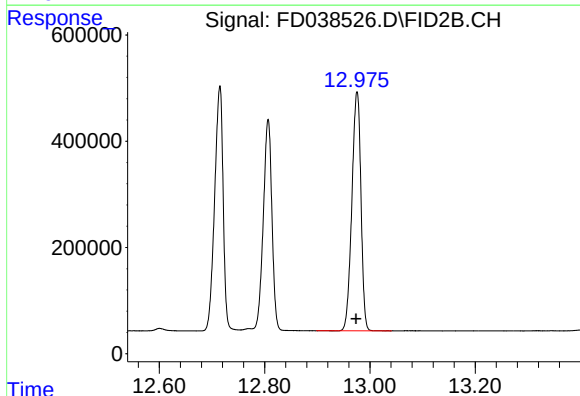
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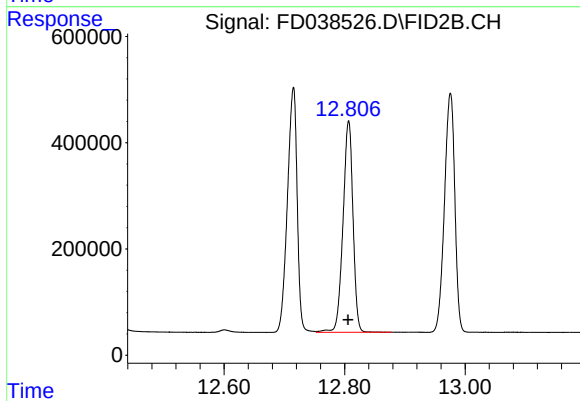
#10 n-Eicosane (C20)

R.T.: 12.367 min
Delta R.T.: 0.002 min
Response: 5458699
Conc: 43.30 ug/ml



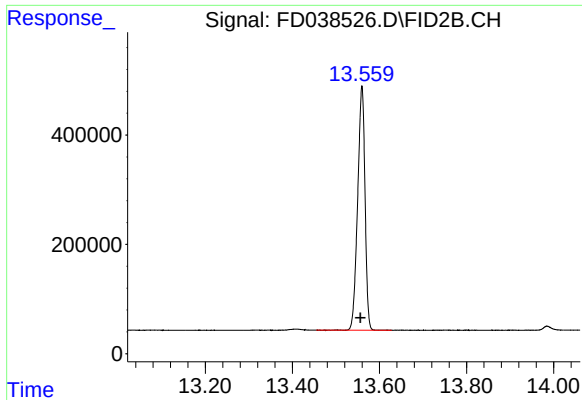
#11 n-Heneicosane (C21)

R.T.: 12.975 min
Delta R.T.: 0.002 min
Response: 5366180
Conc: 42.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.807 min
Delta R.T.: 0.000 min
Response: 4586408
Conc: 42.65 ug/ml



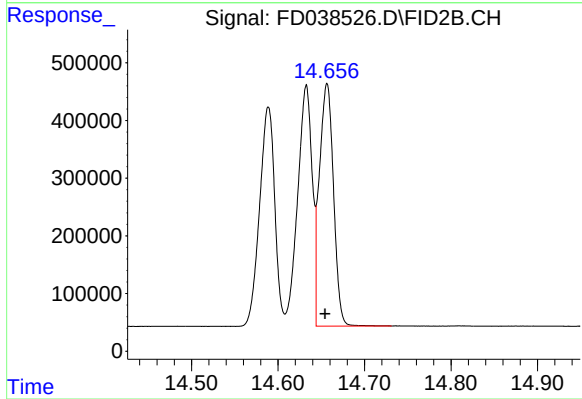
#13 n-Docosane (C22)

R.T.: 13.560 min
Delta R.T.: 0.003 min
Response: 5231713
Conc: 41.10 ug/ml

Instrument :
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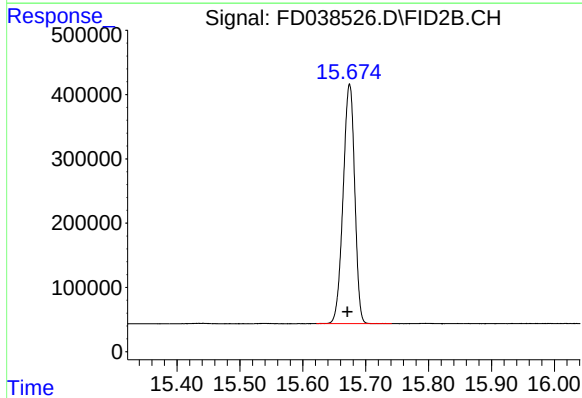
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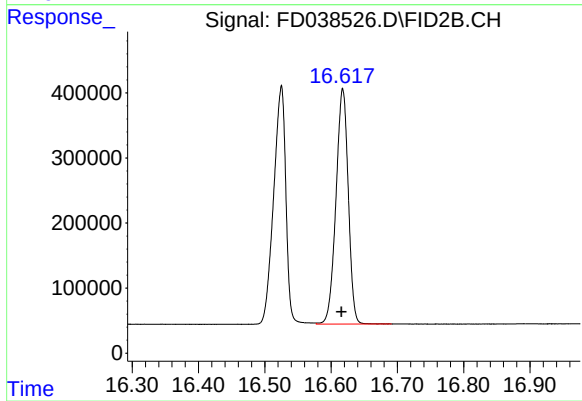
#14 n-Tetracosane (C24)

R.T.: 14.656 min
Delta R.T.: 0.002 min
Response: 4737570
Conc: 36.83 ug/ml



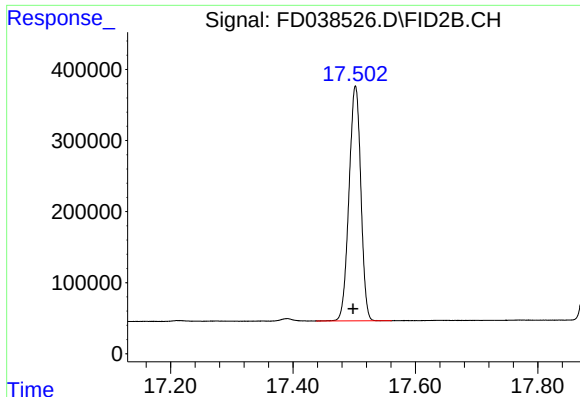
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: 0.003 min
Response: 4766682
Conc: 37.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.618 min
Delta R.T.: 0.002 min
Response: 4658972
Conc: 36.52 ug/ml



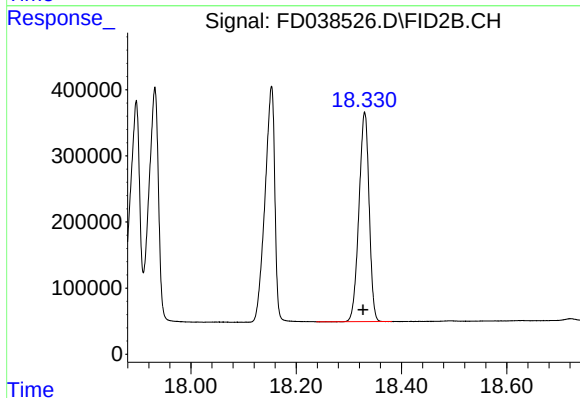
#17 n-Tricontane (C30)

R.T.: 17.502 min
Delta R.T.: 0.004 min
Response: 4430706
Conc: 34.97 ug/ml

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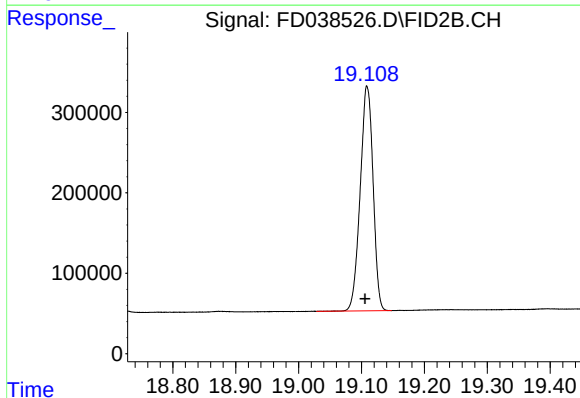
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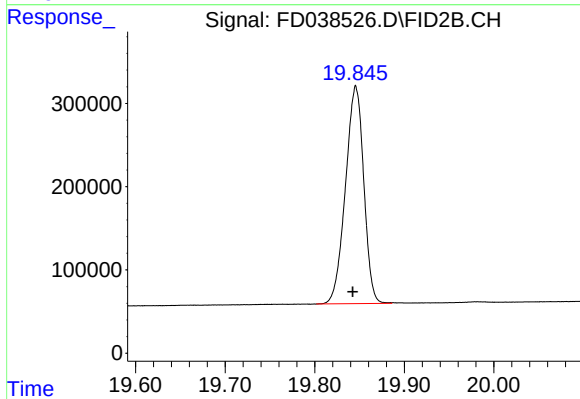
#18 n-Dotriacontane (C32)

R.T.: 18.330 min
Delta R.T.: 0.003 min
Response: 4248013
Conc: 34.57 ug/ml



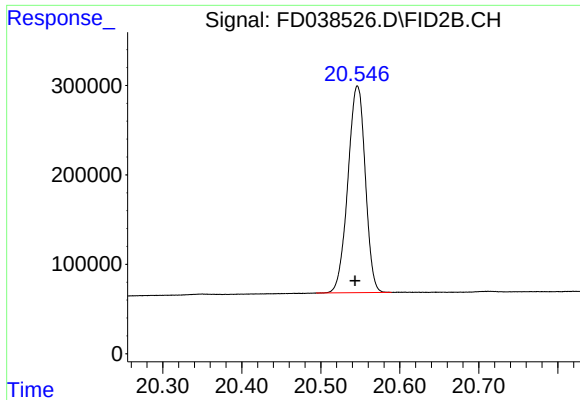
#19 n-Tetratriacontane (C34)

R.T.: 19.109 min
Delta R.T.: 0.003 min
Response: 3968641
Conc: 33.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.845 min
Delta R.T.: 0.003 min
Response: 3707419
Conc: 33.26 ug/ml m



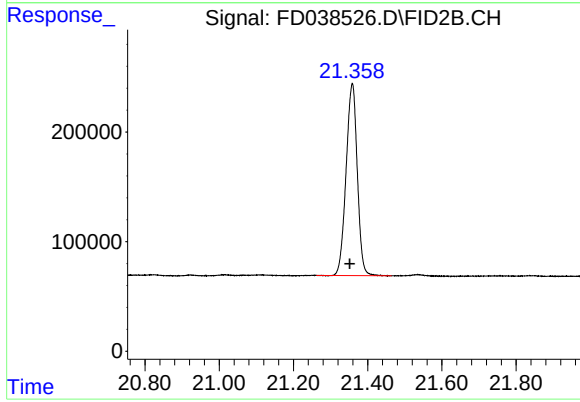
#21 n-Octatriacontane (C38)

R.T.: 20.546 min
Delta R.T.: 0.002 min
Response: 3533039
Conc: 34.18 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.358 min
Delta R.T.: 0.006 min
Response: 3667563
Conc: 36.54 ug/ml