

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081221AL\
 Data File : FD038527.D
 Signal(s) : FID2B.CH
 Acq On : 12 Aug 2021 18:54
 Operator : AJ\MA
 Sample : PB138345BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138345BSD

Manual Integrations
 APPROVED

mohammad
 8/13/2021 10:10:07 AM

Integration File: autoint1.e
 Quant Time: Aug 13 02:04:59 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)	11.371	5526646	40.487 ug/ml
Spiked Amount 50.000		Recovery =	80.97%
12) S 1-chlorooctadecane (S...	12.807	4417063	41.076 ug/ml
Spiked Amount 50.000		Recovery =	82.15%
Target Compounds			
1) T n-Nonane (C9)	3.203	4468775	38.064 ug/ml
2) T n-Decane (C10)	4.251	4747754	40.268 ug/ml
3) T A~Naphthalene (C11.7)	5.811	5472112	41.920 ug/ml
4) T n-Dodecane (C12)	6.249	5041886	42.461 ug/ml
5) T A~2-methylnaphthalene...	6.862	5295624	40.469 ug/ml
6) T n-Tetradecane (C14)	8.037	5260762	43.286 ug/ml
7) T n-Hexadecane (C16)	9.628	5395312	44.146 ug/ml
8) T n-Octadecane (C18)	11.064	5553739	44.111 ug/ml
10) T n-Eicosane (C20)	12.367	5282021	41.902 ug/ml
11) T n-Heneicosane (C21)	12.976	5187056	40.634 ug/ml
13) T n-Docosane (C22)	13.559	5054239	39.702 ug/ml
14) T n-Tetracosane (C24)	14.656	4528260	35.203 ug/ml
15) T n-Hexacosane (C26)	15.674	4600264	36.123 ug/ml
16) T n-Octacosane (C28)	16.617	4491236	35.202 ug/ml
17) T n-Tricontane (C30)	17.502	4272215	33.720 ug/ml
18) T n-Dotriacontane (C32)	18.329	4106435	33.419 ug/ml
19) T n-Tetratriacontane (C34)	19.110	3851468	32.270 ug/ml
20) T n-Hexatriacontane (C36)	19.844	3575545	32.081 ug/mlm
21) T n-Octatriacontane (C38)	20.545	3426531	33.145 ug/mlm
22) T n-Tetracontane (C40)	21.357	3526530	35.136 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 56 Sample Multiplier: 1

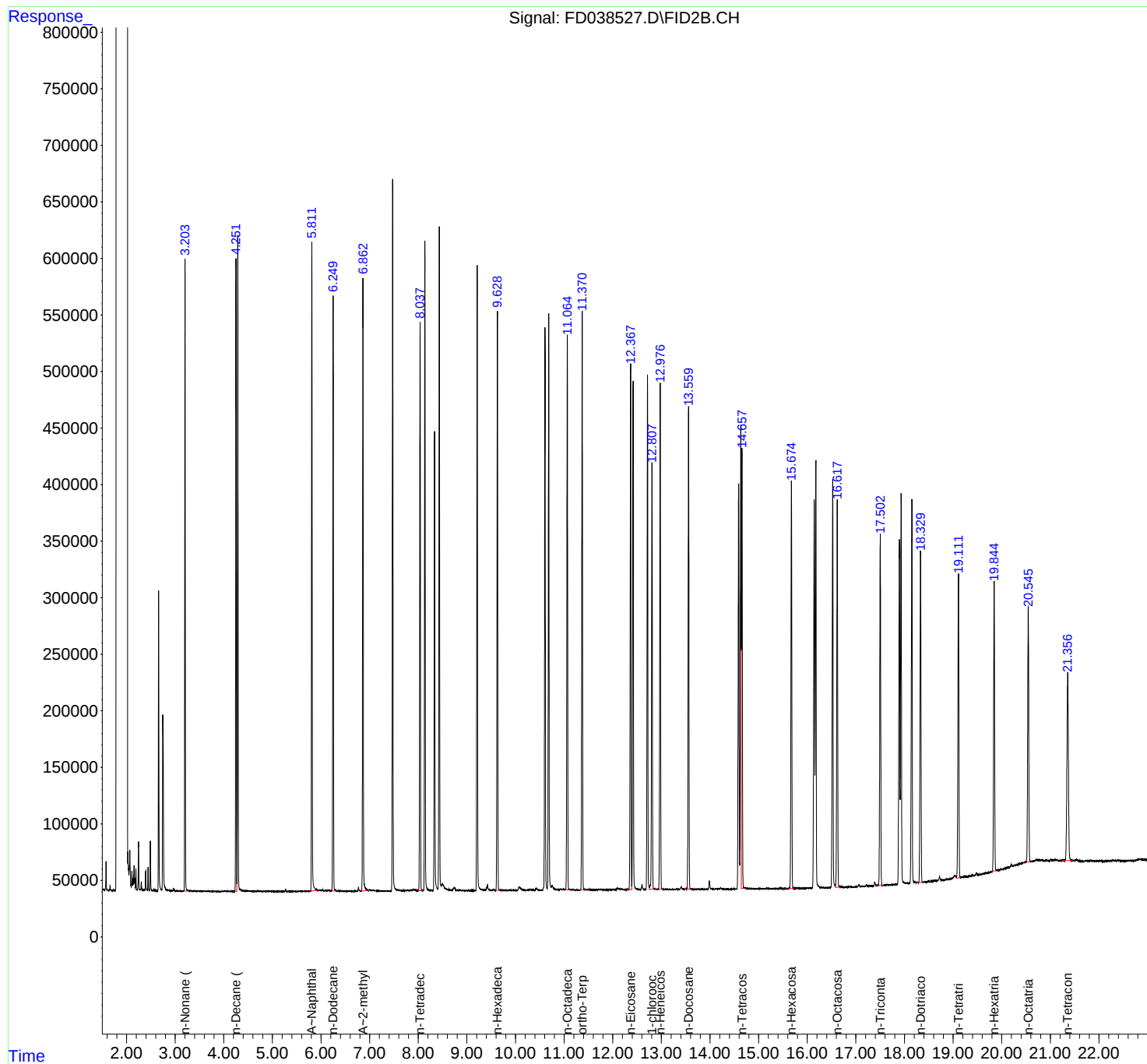
Instrument :
FID_D
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PB138345BSD

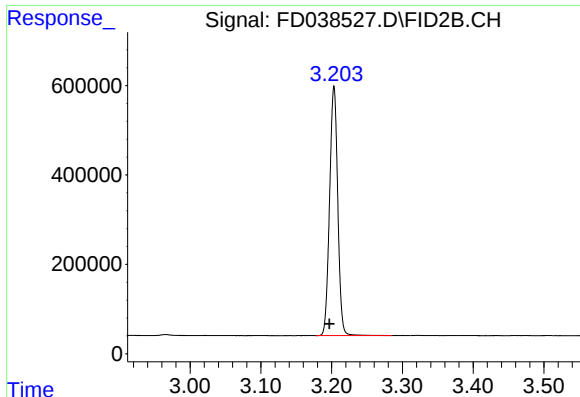
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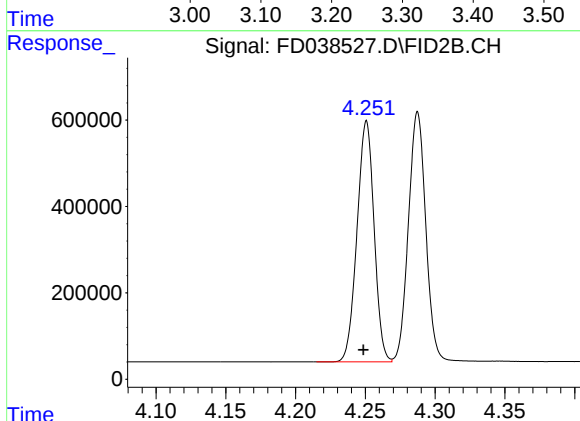
#1 n-Nonane (C9)

R.T.: 3.203 min
Delta R.T.: 0.006 min
Response: 4468775
Conc: 38.06 ug/ml

Instrument :
FID_D
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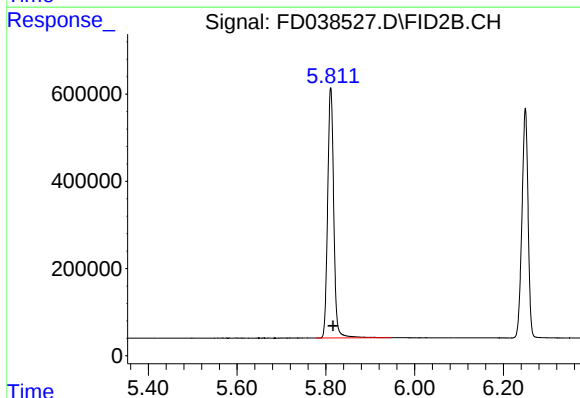
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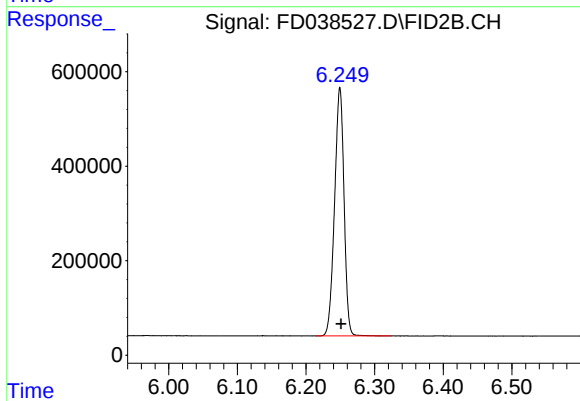
#2 n-Decane (C10)

R.T.: 4.251 min
Delta R.T.: 0.002 min
Response: 4747754
Conc: 40.27 ug/ml



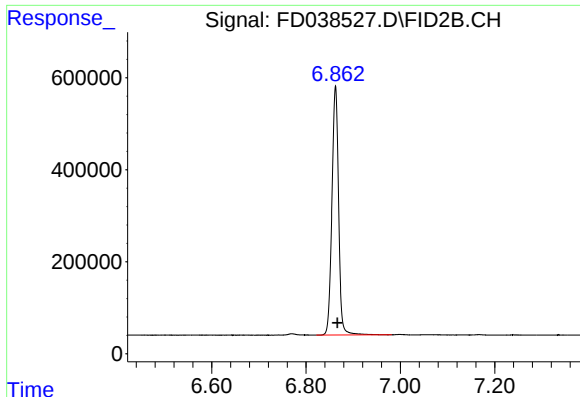
#3 A~Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: -0.005 min
Response: 5472112
Conc: 41.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 5041886
Conc: 42.46 ug/ml



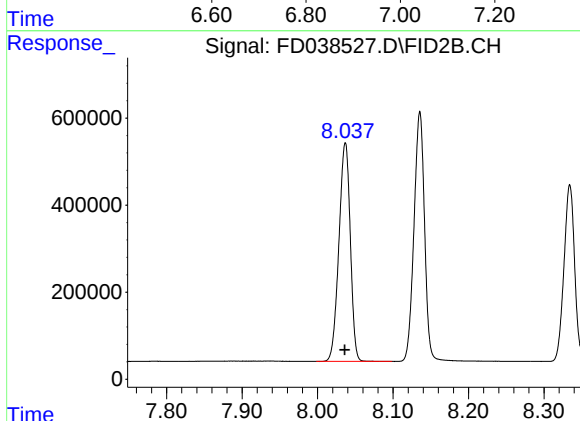
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.004 min
Response: 5295624
Conc: 40.47 ug/ml

Instrument :
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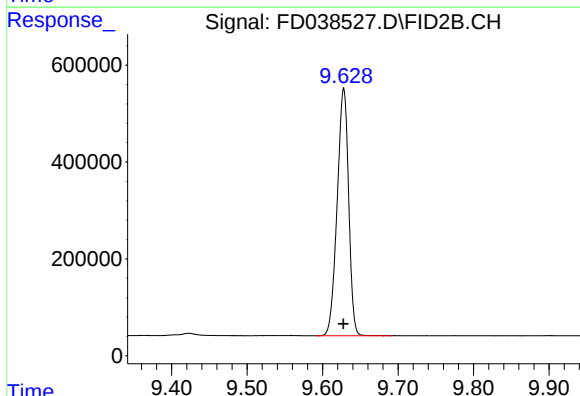
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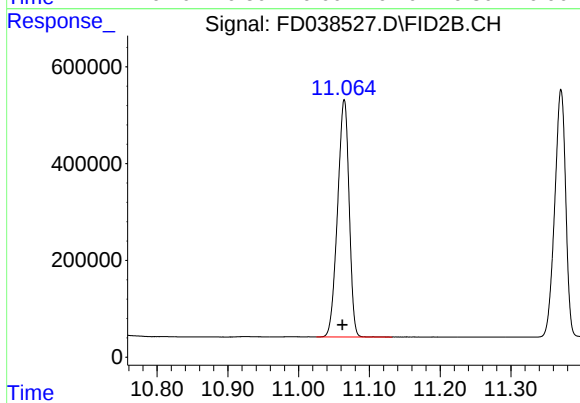
#6 n-Tetradecane (C14)

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 5260762
Conc: 43.29 ug/ml



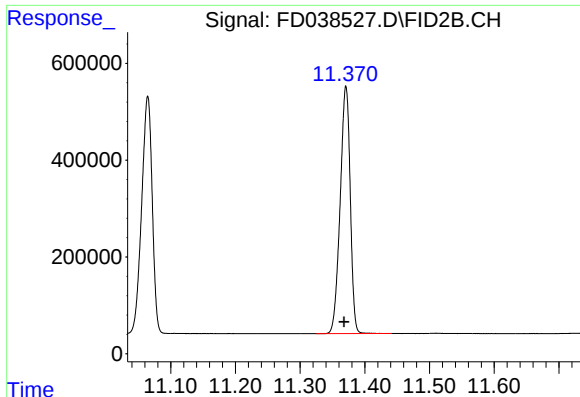
#7 n-Hexadecane (C16)

R.T.: 9.628 min
Delta R.T.: 0.000 min
Response: 5395312
Conc: 44.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.064 min
Delta R.T.: 0.002 min
Response: 5553739
Conc: 44.11 ug/ml



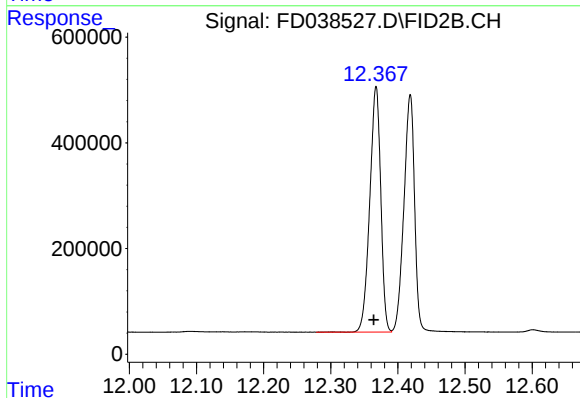
#9 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: 0.003 min
Response: 5526646
Conc: 40.49 ug/ml

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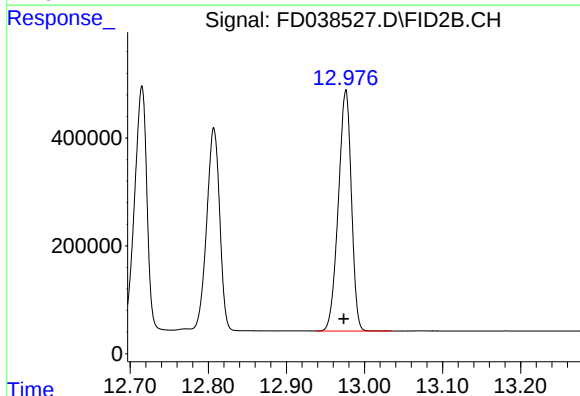
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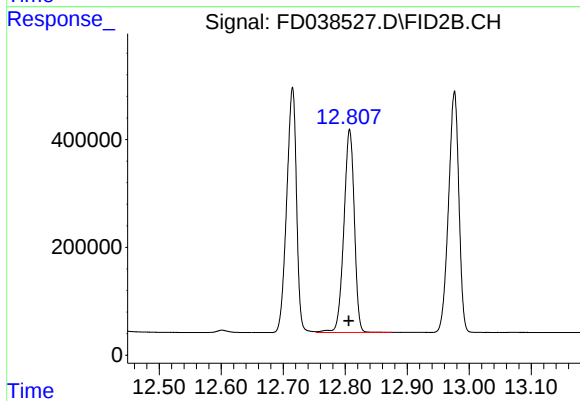
#10 n-Eicosane (C20)

R.T.: 12.367 min
Delta R.T.: 0.003 min
Response: 5282021
Conc: 41.90 ug/ml



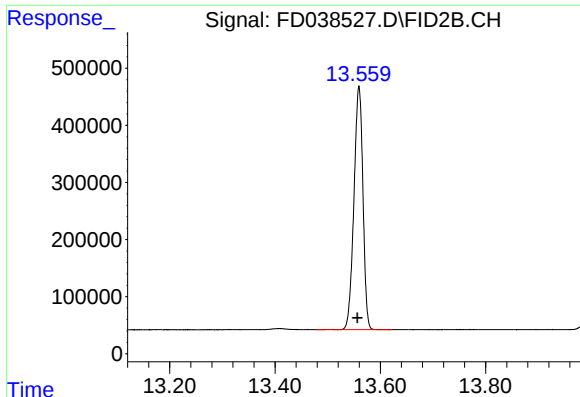
#11 n-Heneicosane (C21)

R.T.: 12.976 min
Delta R.T.: 0.002 min
Response: 5187056
Conc: 40.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.807 min
Delta R.T.: 0.001 min
Response: 4417063
Conc: 41.08 ug/ml



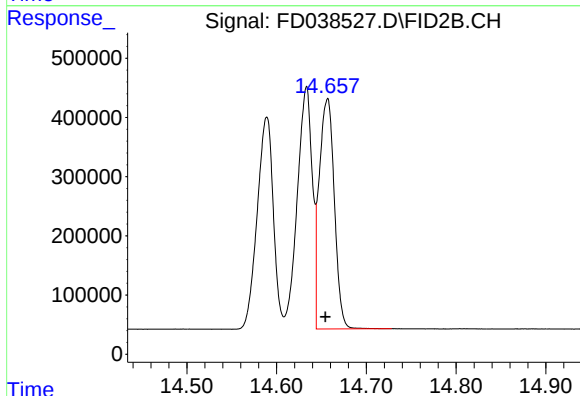
#13 n-Docosane (C22)

R.T.: 13.559 min
Delta R.T.: 0.003 min
Response: 5054239
Conc: 39.70 ug/ml

Instrument :
FID_D
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PB138345BSD

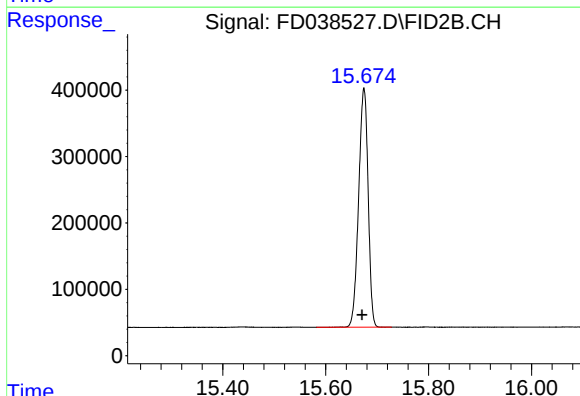
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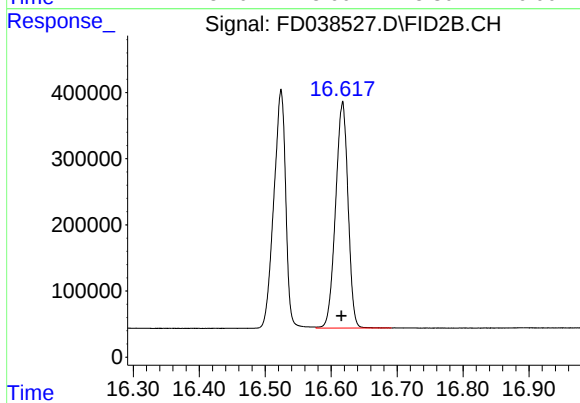
#14 n-Tetracosane (C24)

R.T.: 14.656 min
Delta R.T.: 0.002 min
Response: 4528260
Conc: 35.20 ug/ml



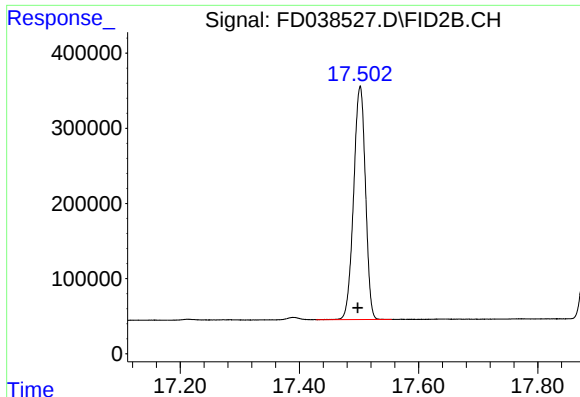
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: 0.003 min
Response: 4600264
Conc: 36.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.617 min
Delta R.T.: 0.001 min
Response: 4491236
Conc: 35.20 ug/ml



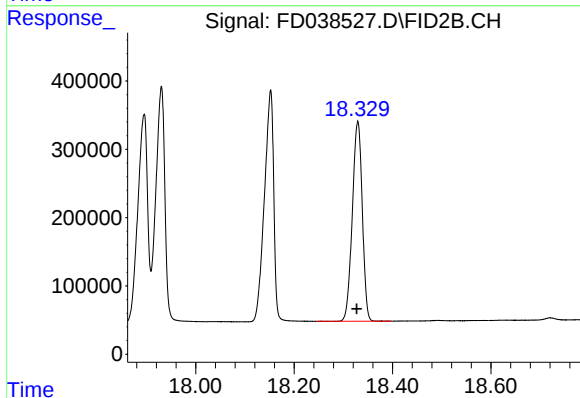
#17 n-Tricontane (C30)

R.T.: 17.502 min
Delta R.T.: 0.003 min
Response: 4272215
Conc: 33.72 ug/ml

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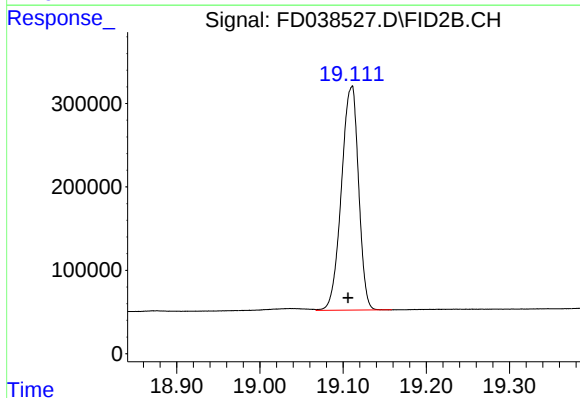
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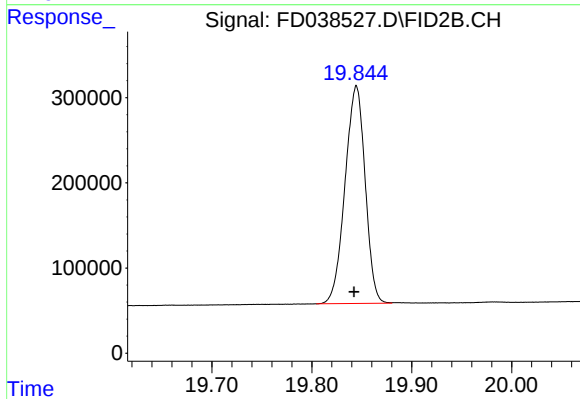
#18 n-Dotriacontane (C32)

R.T.: 18.329 min
Delta R.T.: 0.002 min
Response: 4106435
Conc: 33.42 ug/ml



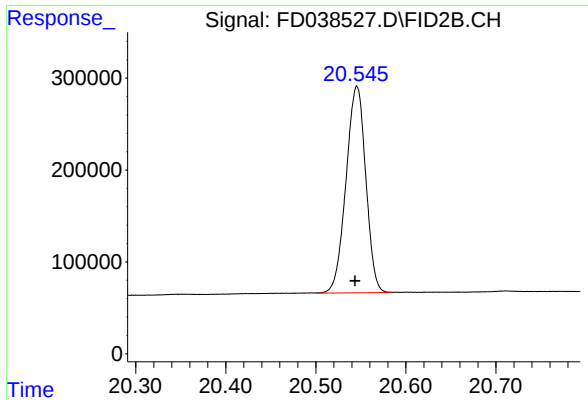
#19 n-Tetratriacontane (C34)

R.T.: 19.110 min
Delta R.T.: 0.004 min
Response: 3851468
Conc: 32.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: 0.002 min
Response: 3575545
Conc: 32.08 ug/ml m



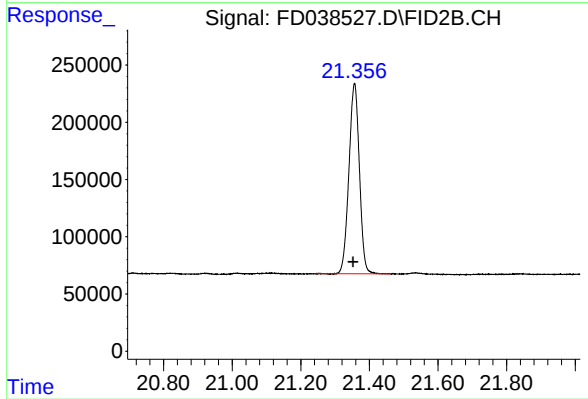
#21 n-Octatriacontane (C38)

R.T.: 20.545 min
Delta R.T.: 0.001 min
Response: 3426531
Conc: 33.15 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.357 min
Delta R.T.: 0.004 min
Response: 3526530
Conc: 35.14 ug/ml