

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100821AL\
 Data File : FD039044.D
 Signal(s) : FID2B.CH
 Acq On : 08 Oct 2021 11:57
 Operator : AJ\MA
 Sample : M4113-01MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

mohammad
 10/12/2021 9:42:22 AM

Integration File: sample.E
 Quant Time: Oct 09 02:20:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.678	4404391	31.032 ug/ml
Spiked Amount 50.000		Recovery =	62.06%
12) S 1-chlorooctadecane (S...	13.102	3509816	31.213 ug/ml
Spiked Amount 50.000		Recovery =	62.43%
Target Compounds			
1) T n-Nonane (C9)	3.440	3871189	30.690 ug/mlm
2) T n-Decane (C10)	4.508	4419387	34.627 ug/ml
3) T A~Naphthalene (C11.7)	6.099	4993441	35.066 ug/ml
4) T n-Dodecane (C12)	6.524	4798906	37.472 ug/ml
5) T A~2-methylnaphthalene...	7.154	4992526	34.875 ug/ml
6) T n-Tetradecane (C14)	8.318	5175247	39.883 ug/ml
7) T n-Hexadecane (C16)	9.915	5488034	42.079 ug/ml
8) T n-Octadecane (C18)	11.354	5776617	43.192 ug/ml
10) T n-Eicosane (C20)	12.660	5603333	42.250 ug/ml
11) T n-Heneicosane (C21)	13.269	5561162	41.530 ug/ml
13) T n-Docosane (C22)	13.854	5488548	41.377 ug/ml
14) T n-Tetracosane (C24)	14.950	10156239	76.650 ug/ml
15) T n-Hexacosane (C26)	15.970	5210145	40.478 ug/ml
16) T n-Octacosane (C28)	16.915	5076503	40.260 ug/ml
17) T n-Tricontane (C30)	17.800	4867739	39.909 ug/ml
18) T n-Dotriacontane (C32)	18.627	4671652	40.295 ug/ml
19) T n-Tetratriacontane (C34)	19.406	4349229	40.291 ug/ml
20) T n-Hexatriacontane (C36)	20.142	3983277	40.707 ug/ml
21) T n-Octatriacontane (C38)	20.883	3749352	41.764 ug/ml
22) T n-Tetracontane (C40)	21.811	3821397	43.379 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 55 Sample Multiplier: 1

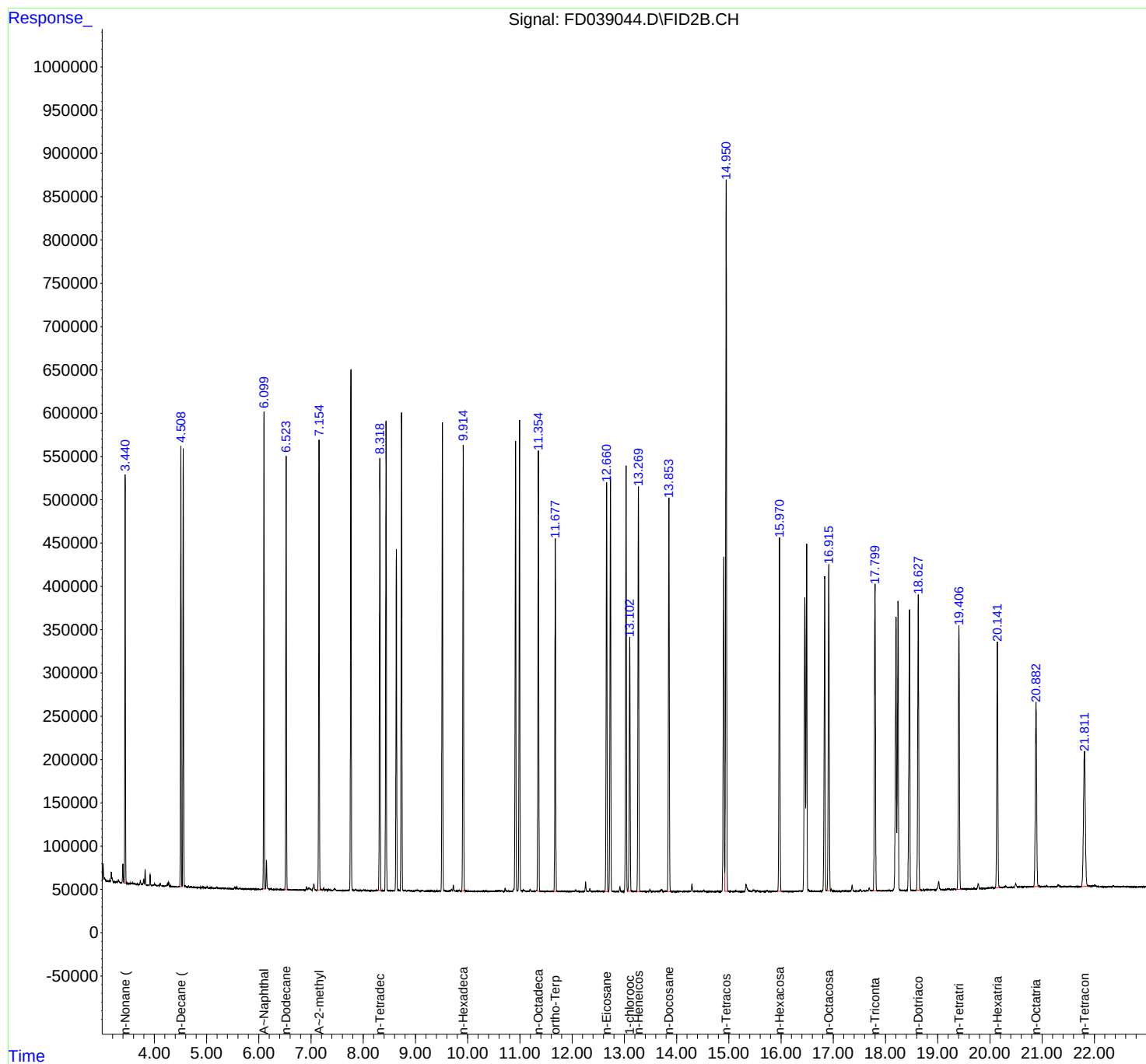
Instrument :
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TP-1MS

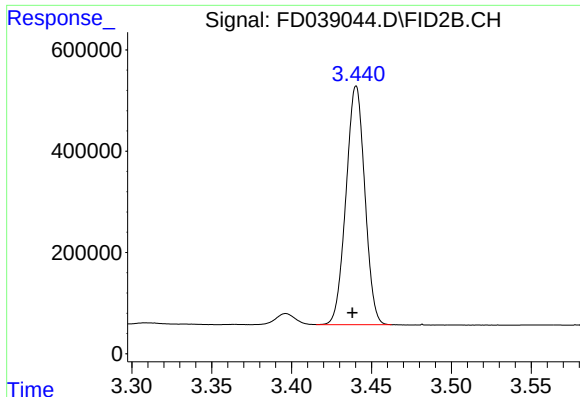
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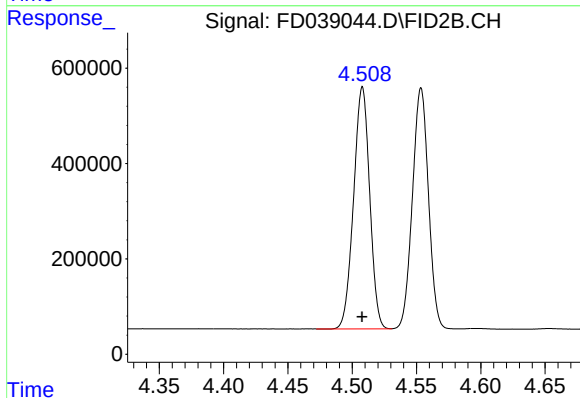
#1 n-Nonane (C9)

R.T.: 3.440 min
Delta R.T.: 0.002 min
Response: 3871189
Conc: 30.69 ug/ml m

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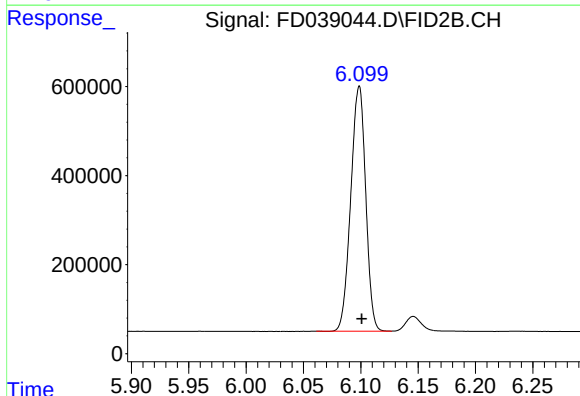
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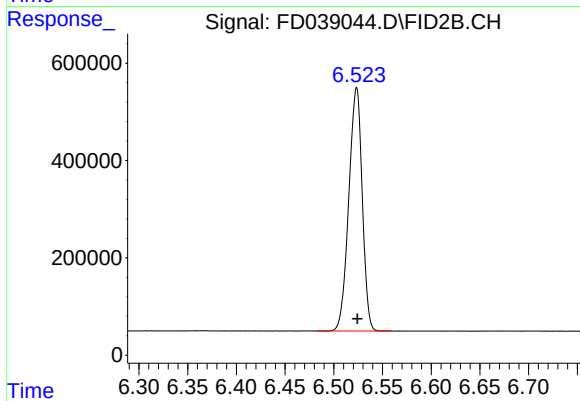
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 4419387
Conc: 34.63 ug/ml



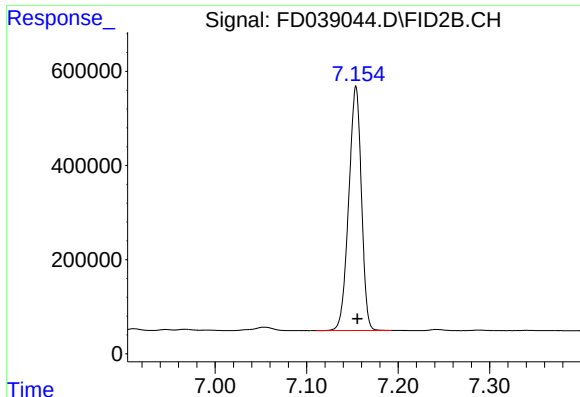
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 4993441
Conc: 35.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 4798906
Conc: 37.47 ug/ml



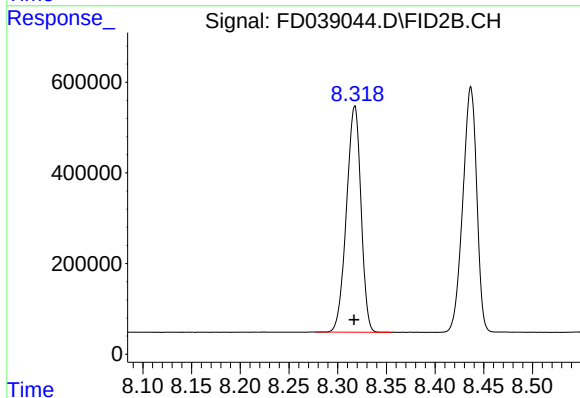
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 4992526
Conc: 34.87 ug/ml

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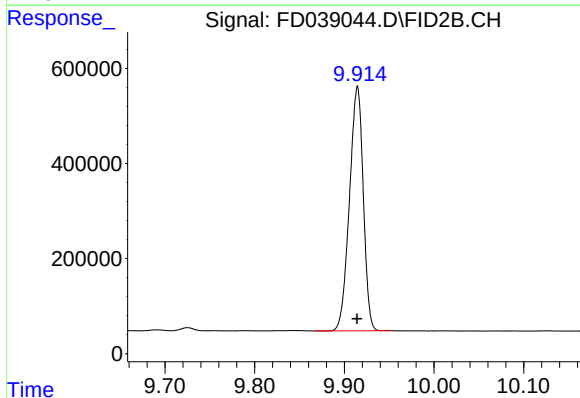
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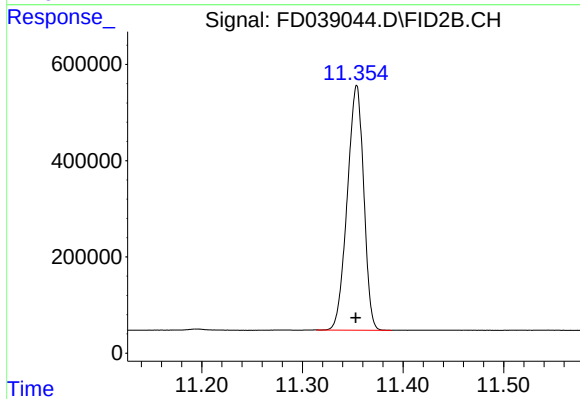
#6 n-Tetradecane (C14)

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 5175247
Conc: 39.88 ug/ml



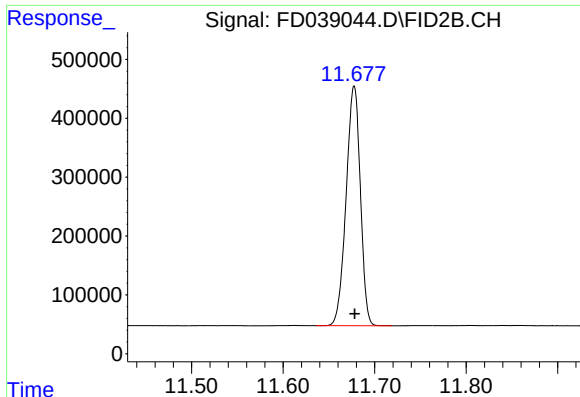
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 5488034
Conc: 42.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 5776617
Conc: 43.19 ug/ml



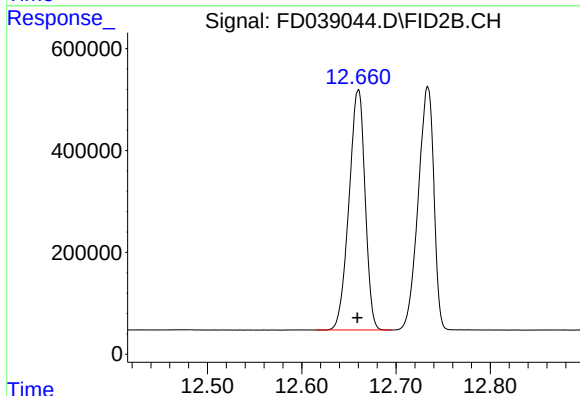
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 4404391
Conc: 31.03 ug/ml

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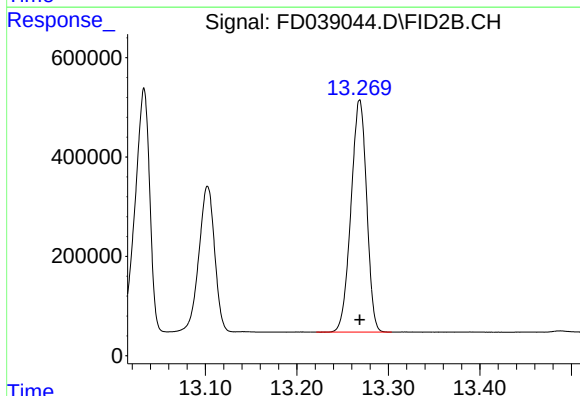
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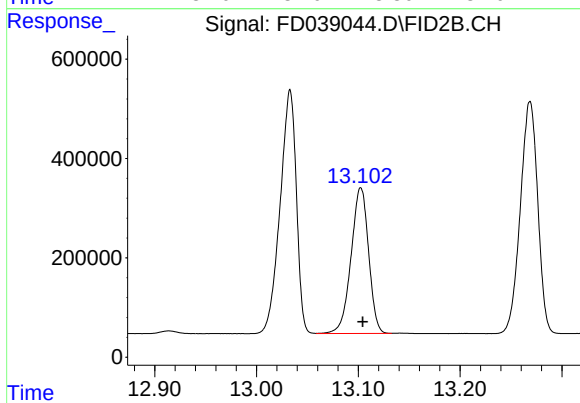
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.000 min
Response: 5603333
Conc: 42.25 ug/ml



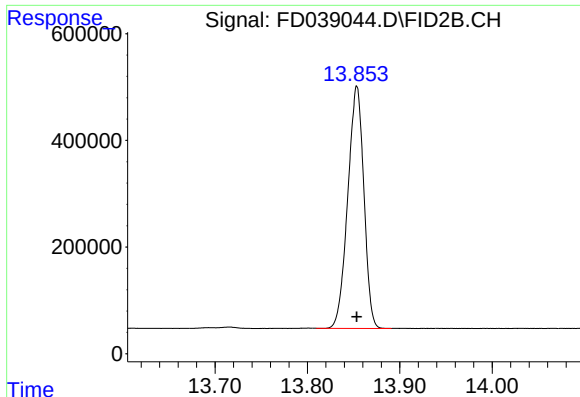
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 5561162
Conc: 41.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.002 min
Response: 3509816
Conc: 31.21 ug/ml



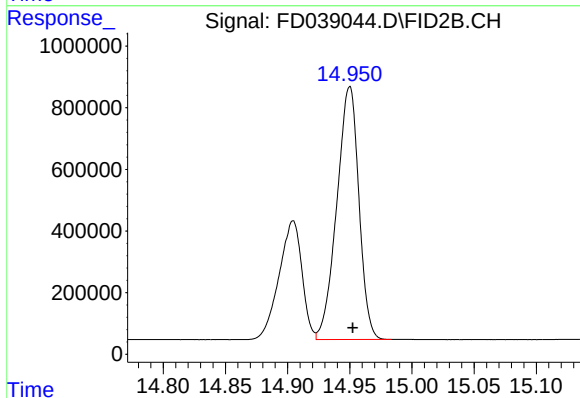
#13 n-Docosane (C22)

R.T.: 13.854 min
Delta R.T.: 0.000 min
Response: 5488548
Conc: 41.38 ug/ml

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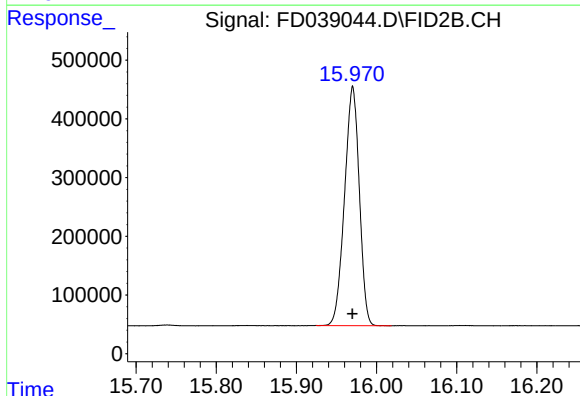
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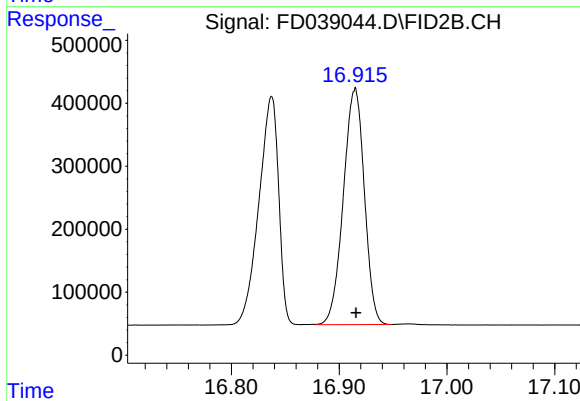
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.002 min
Response: 10156239
Conc: 76.65 ug/ml



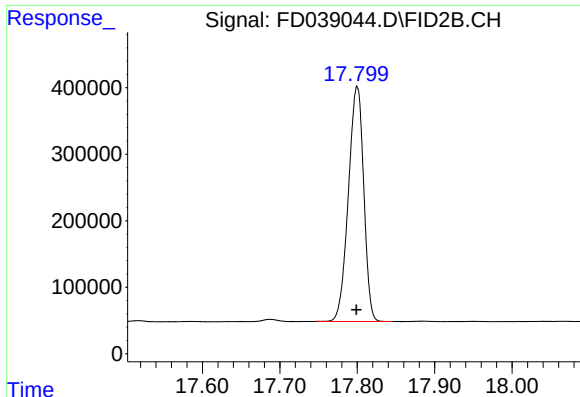
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: 0.000 min
Response: 5210145
Conc: 40.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: 0.000 min
Response: 5076503
Conc: 40.26 ug/ml



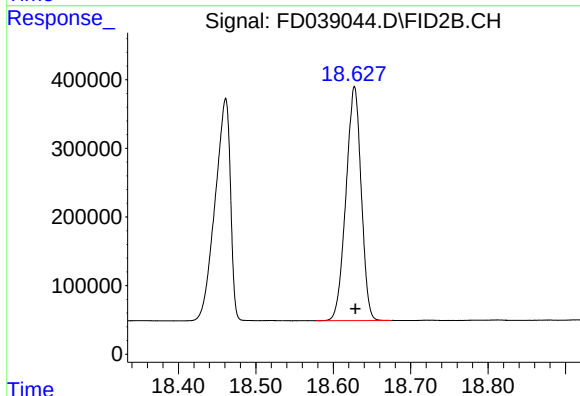
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.001 min
Response: 4867739
Conc: 39.91 ug/ml

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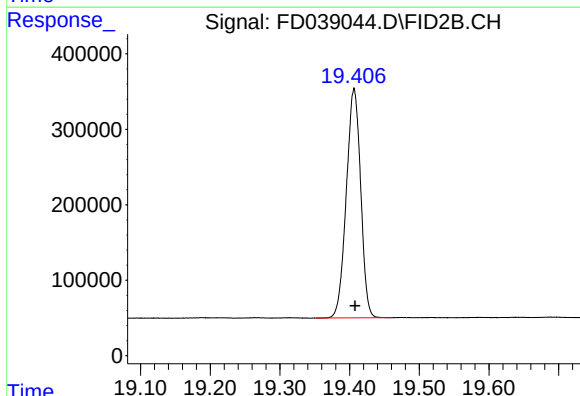
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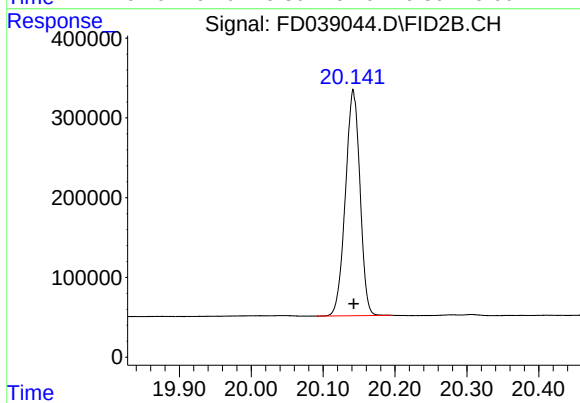
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.001 min
Response: 4671652
Conc: 40.29 ug/ml



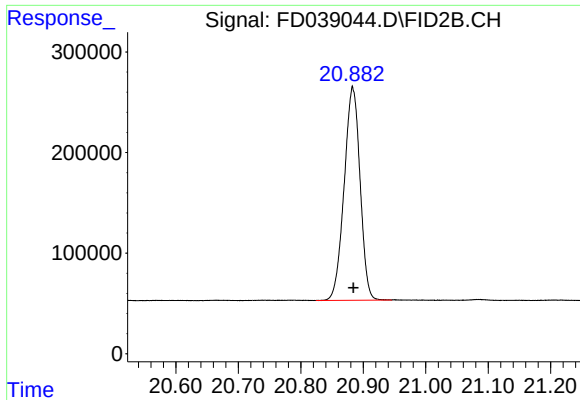
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: -0.001 min
Response: 4349229
Conc: 40.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.142 min
Delta R.T.: 0.000 min
Response: 3983277
Conc: 40.71 ug/ml



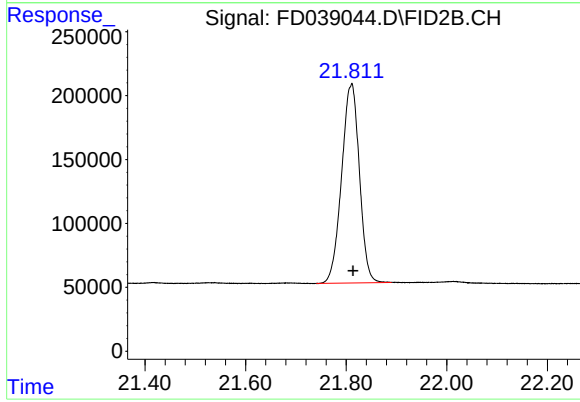
#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: -0.001 min
Response: 3749352
Conc: 41.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.811 min
Delta R.T.: -0.003 min
Response: 3821397
Conc: 43.38 ug/ml