

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100821AL\
 Data File : FD039045.D
 Signal(s) : FID2B.CH
 Acq On : 08 Oct 2021 12:36
 Operator : AJ\MA
 Sample : M4113-01MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

mohammad
 10/12/2021 9:42:25 AM

Integration File: sample.E
 Quant Time: Oct 09 02:21:17 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	4352398	30.666 ug/ml
Spiked Amount 50.000		Recovery =	61.33%
12) S 1-chlorooctadecane (S...	13.104	3452765	30.706 ug/ml
Spiked Amount 50.000		Recovery =	61.41%
Target Compounds			
1) T n-Nonane (C9)	3.444	3896005	30.887 ug/mlm
2) T n-Decane (C10)	4.511	4455377	34.909 ug/ml
3) T A~Naphthalene (C11.7)	6.100	5018921	35.245 ug/ml
4) T n-Dodecane (C12)	6.525	4831743	37.728 ug/ml
5) T A~2-methylnaphthalene...	7.155	5009284	34.992 ug/ml
6) T n-Tetradecane (C14)	8.319	5196480	40.046 ug/ml
7) T n-Hexadecane (C16)	9.915	5489451	42.089 ug/ml
8) T n-Octadecane (C18)	11.355	5744558	42.952 ug/ml
10) T n-Eicosane (C20)	12.660	5538217	41.759 ug/ml
11) T n-Heneicosane (C21)	13.270	5479467	40.920 ug/ml
13) T n-Docosane (C22)	13.855	5387329	40.614 ug/ml
14) T n-Tetracosane (C24)	14.950	9900962	74.723 ug/ml
15) T n-Hexacosane (C26)	15.971	5050994	39.241 ug/ml
16) T n-Octacosane (C28)	16.915	4896717	38.834 ug/ml
17) T n-Tricontane (C30)	17.800	4680858	38.377 ug/ml
18) T n-Dotriacontane (C32)	18.627	4509028	38.892 ug/ml
19) T n-Tetratriacontane (C34)	19.407	4228227	39.170 ug/ml
20) T n-Hexatriacontane (C36)	20.143	3906382	39.922 ug/ml
21) T n-Octatriacontane (C38)	20.883	3719702	41.434 ug/ml
22) T n-Tetracontane (C40)	21.808	3814190	43.298 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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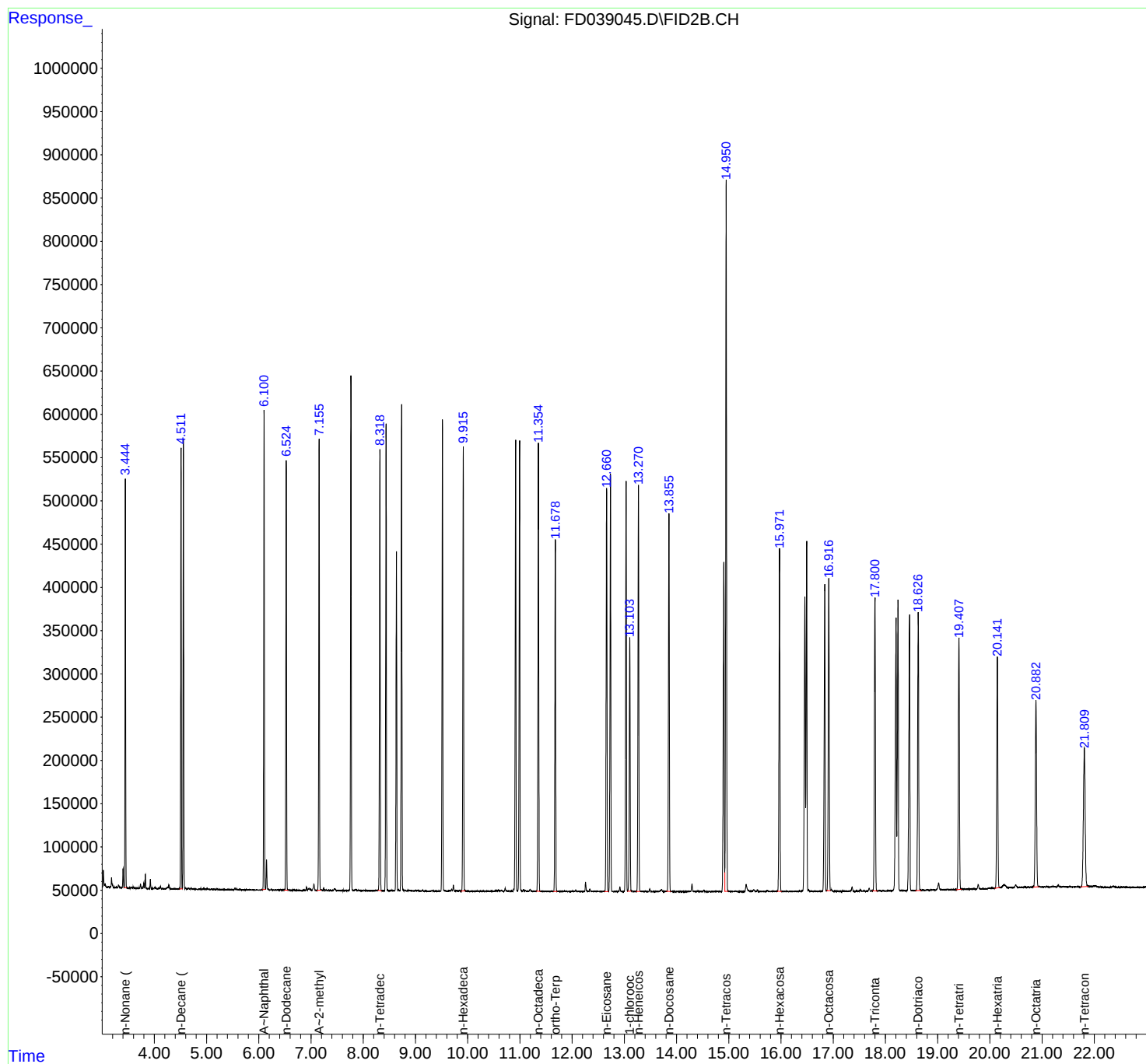
Instrument :
FID_D
ClientSampled :
TP-1MSD

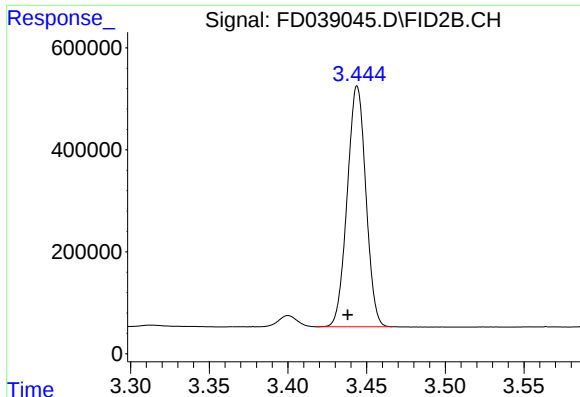
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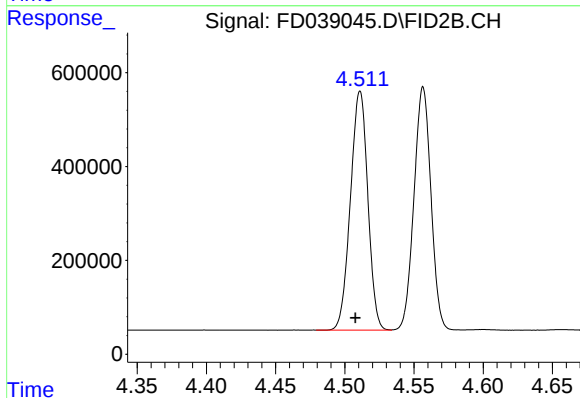
#1 n-Nonane (C9)

R.T.: 3.444 min
Delta R.T.: 0.006 min
Response: 3896005
Conc: 30.89 ug/ml m

Instrument :
FID_D
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TP-1MSD

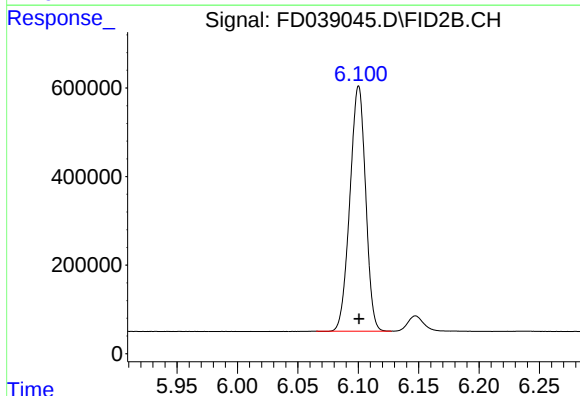
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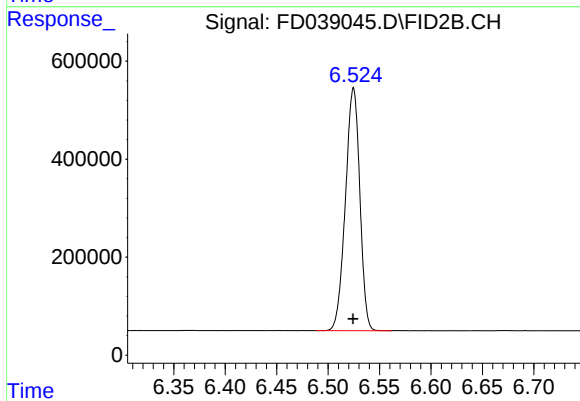
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.003 min
Response: 4455377
Conc: 34.91 ug/ml



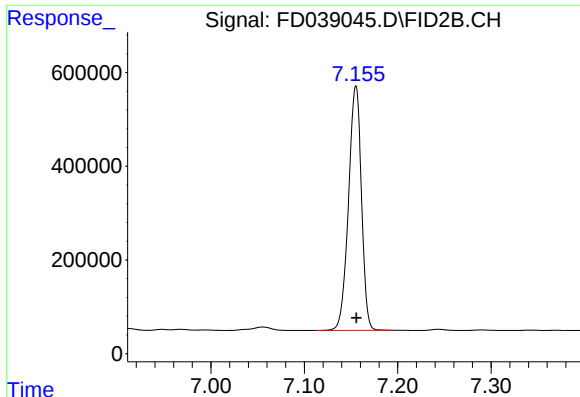
#3 A~Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 5018921
Conc: 35.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 4831743
Conc: 37.73 ug/ml



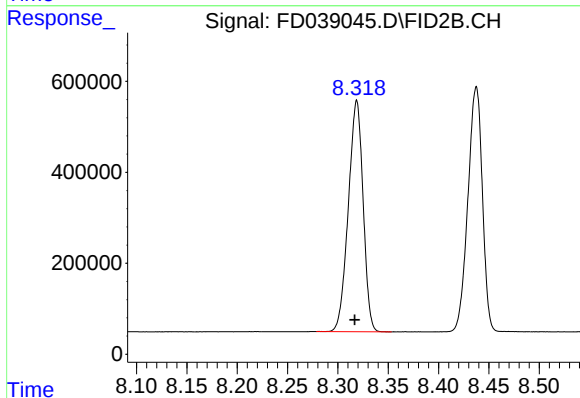
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 5009284
Conc: 34.99 ug/ml

Instrument :
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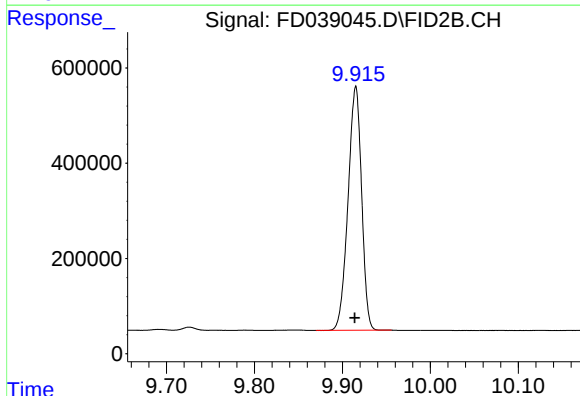
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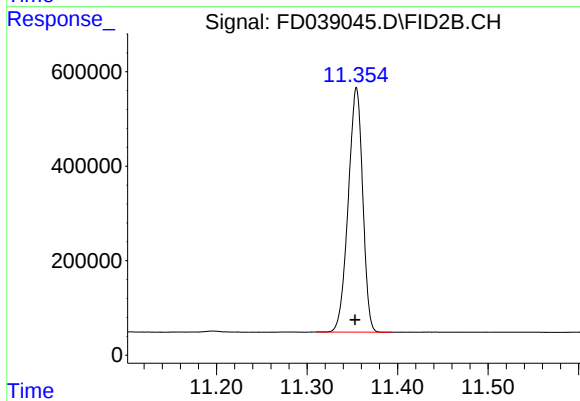
#6 n-Tetradecane (C14)

R.T.: 8.319 min
Delta R.T.: 0.002 min
Response: 5196480
Conc: 40.05 ug/ml



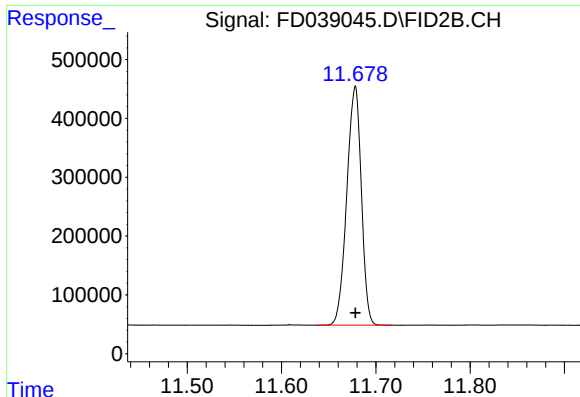
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 5489451
Conc: 42.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: 0.002 min
Response: 5744558
Conc: 42.95 ug/ml



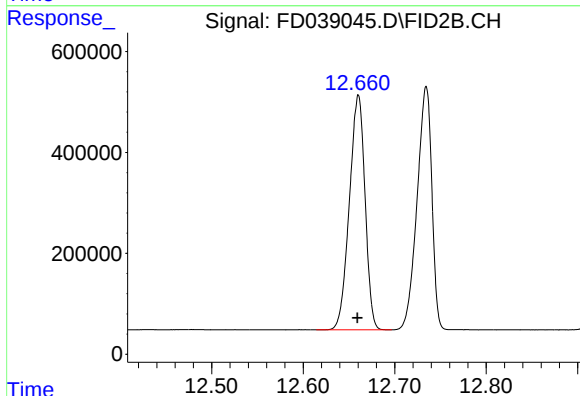
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 4352398
Conc: 30.67 ug/ml

Instrument :
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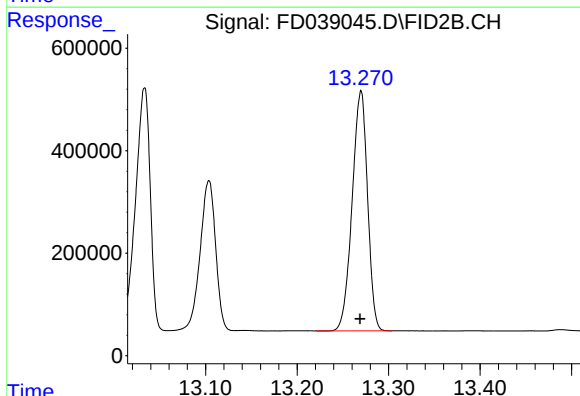
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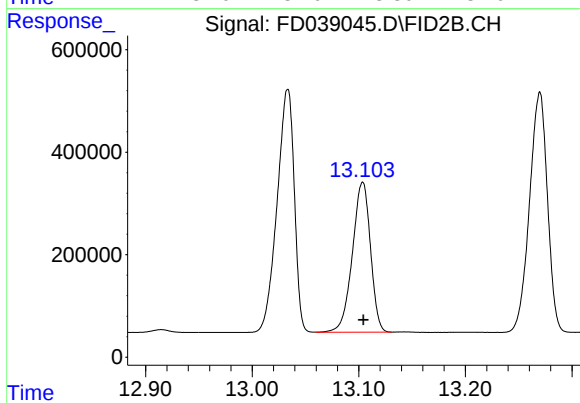
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.001 min
Response: 5538217
Conc: 41.76 ug/ml



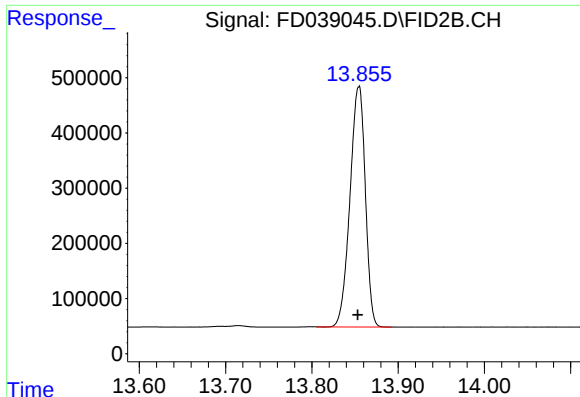
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.001 min
Response: 5479467
Conc: 40.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 3452765
Conc: 30.71 ug/ml



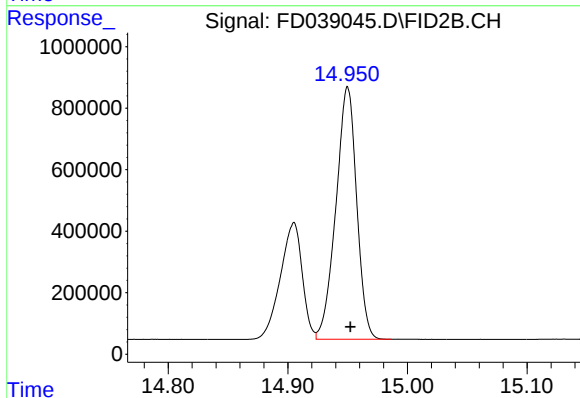
#13 n-Docosane (C22)

R.T.: 13.855 min
Delta R.T.: 0.001 min
Response: 5387329
Conc: 40.61 ug/ml

Instrument :
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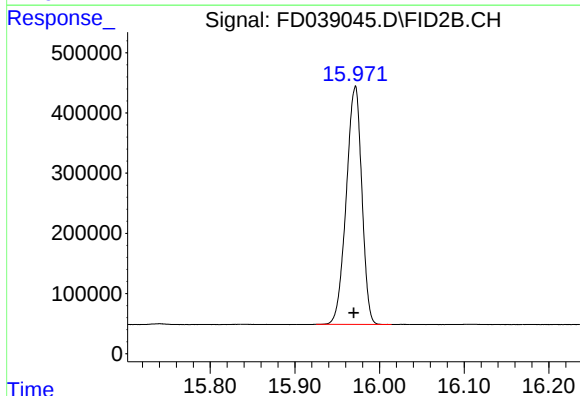
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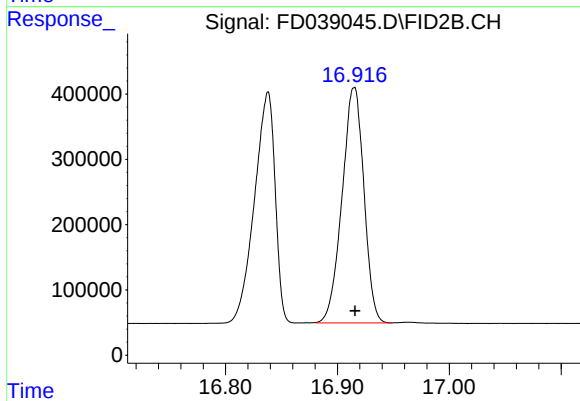
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.002 min
Response: 9900962
Conc: 74.72 ug/ml



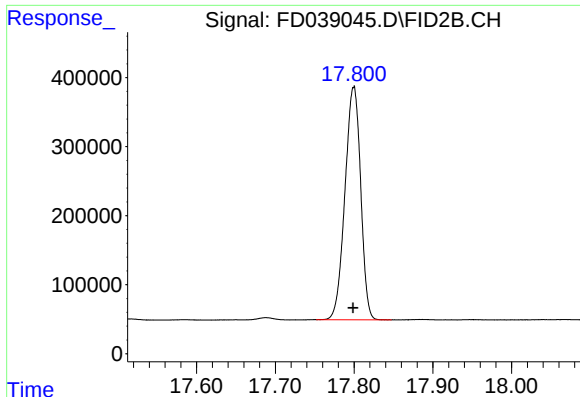
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: 0.002 min
Response: 5050994
Conc: 39.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: 0.000 min
Response: 4896717
Conc: 38.83 ug/ml



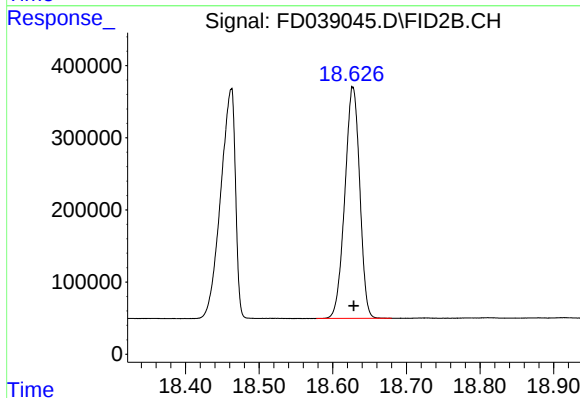
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.000 min
Response: 4680858
Conc: 38.38 ug/ml

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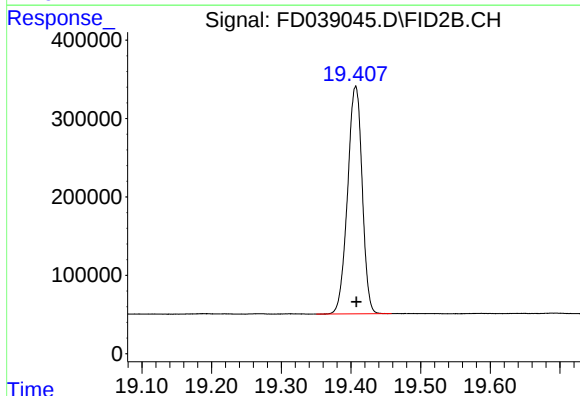
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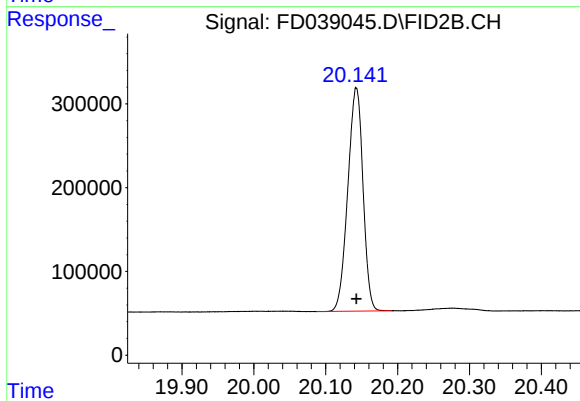
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.001 min
Response: 4509028
Conc: 38.89 ug/ml



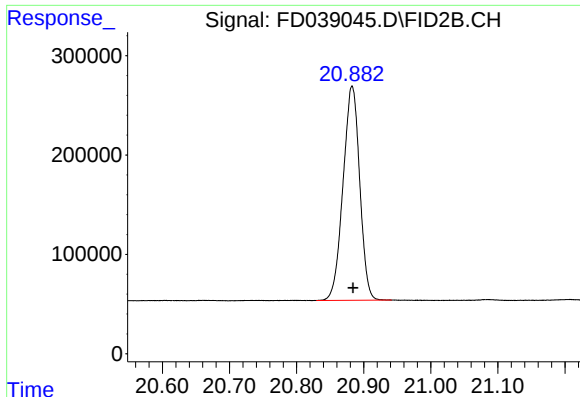
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min
Delta R.T.: 0.000 min
Response: 4228227
Conc: 39.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: 0.000 min
Response: 3906382
Conc: 39.92 ug/ml



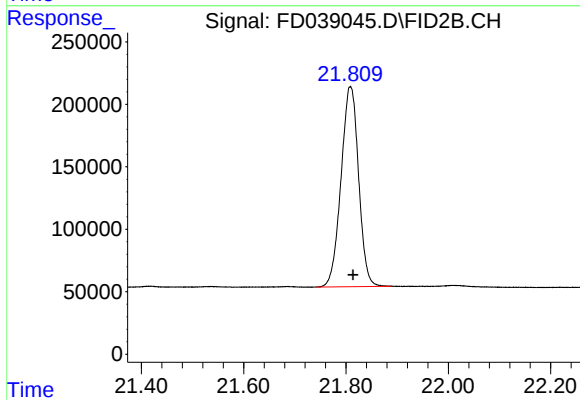
#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: -0.002 min
Response: 3719702
Conc: 41.43 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.808 min
Delta R.T.: -0.005 min
Response: 3814190
Conc: 43.30 ug/ml