

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AL\
 Data File : FD039983.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 6:14
 Operator : AJ\MA
 Sample : M5089-08MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MS-2-E2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: autoint1.e
 Quant Time: Dec 17 09:12:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.769	4881670	31.096 ug/ml
Spiked Amount 50.000		Recovery =	62.19%
12) S 1-chlorooctadecane (S...	12.245	61459	0.498 ug/ml
Spiked Amount 50.000		Recovery =	1.00%
Target Compounds			
1) T n-Nonane (C9)	2.671	4427491	31.462 ug/ml
2) T n-Decane (C10)	3.716	5345423	37.478 ug/ml
3) T A~Naphthalene (C11.7)	5.217	6098572	37.991 ug/ml
4) T n-Dodecane (C12)	5.649	5411111	37.897 ug/ml
5) T A~2-methylnaphthalene...	6.262	6118668	37.915 ug/ml
6) T n-Tetradecane (C14)	7.433	5754474	39.926 ug/ml
7) T n-Hexadecane (C16)	9.024	6294548	43.268 ug/ml
8) T n-Octadecane (C18)	10.460	6564540	44.116 ug/ml
10) T n-Eicosane (C20)	11.806	6801087	46.503 ug/ml
11) T n-Heneicosane (C21)	12.373	6396589	43.538 ug/ml
13) T n-Docosane (C22)	12.957	6338202	43.404 ug/ml
14) T n-Tetracosane (C24)	14.056	6146542	42.203 ug/ml
15) T n-Hexacosane (C26)	15.075	5948391	42.411 ug/ml
16) T n-Octacosane (C28)	16.066	412308	3.040 ug/ml
17) T n-Tricontane (C30)	16.906	5484060	41.968 ug/ml
18) T n-Dotriacontane (C32)	17.734	5079097	40.811 ug/ml
19) T n-Tetratriacontane (C34)	18.517	4628791	38.323 ug/ml
20) T n-Hexatriacontane (C36)	19.254	3961908	34.451 ug/ml
21) T n-Octatriacontane (C38)	19.967	3620983	32.440 ug/ml
22) T n-Tetracontane (C40)	20.822	3656511	32.090 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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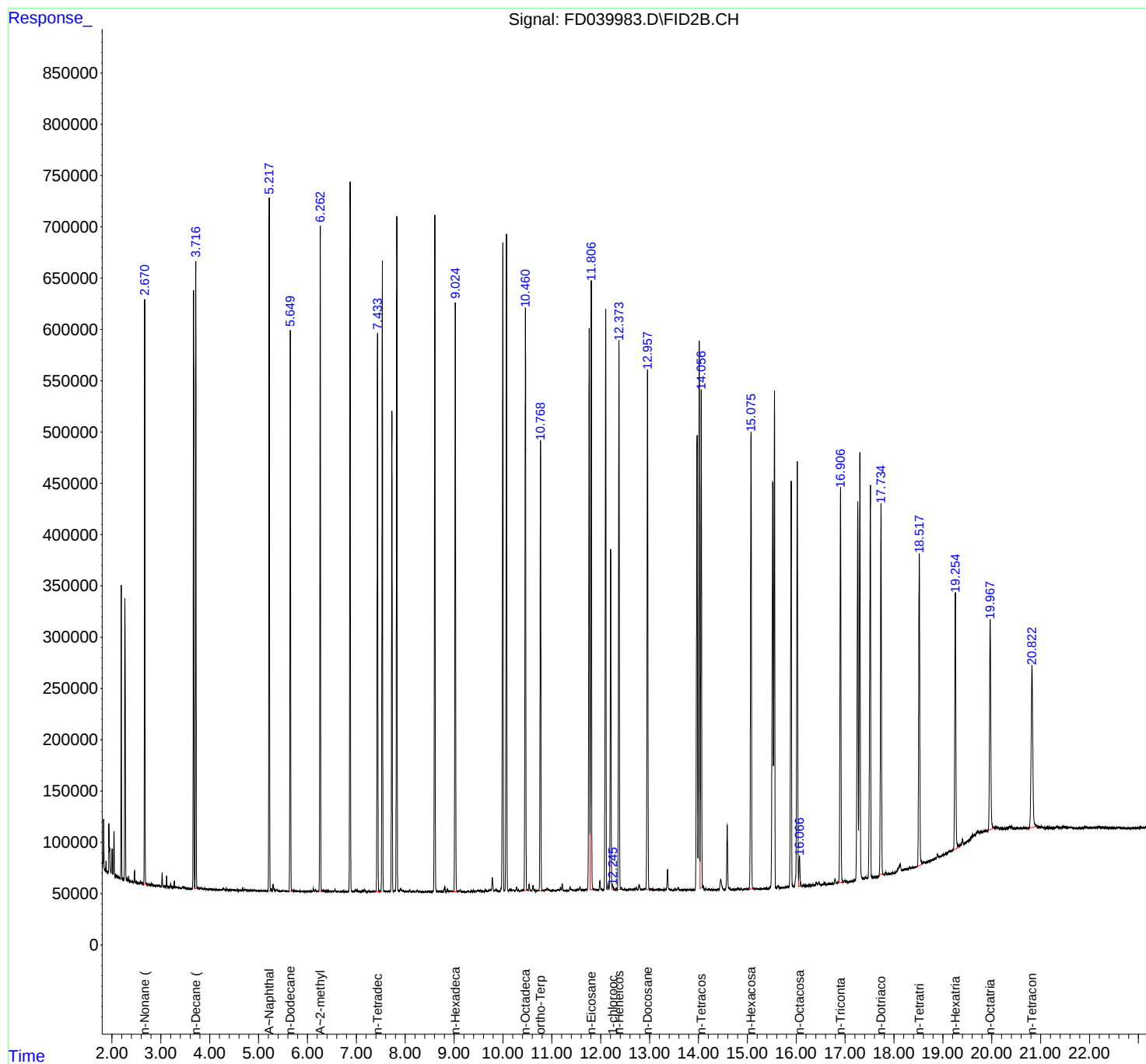
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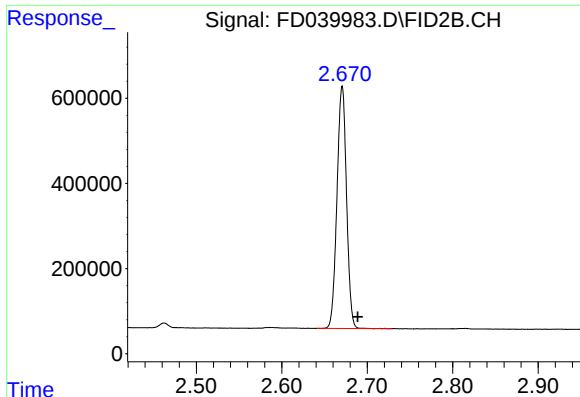
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#1 n-Nonane (C9)

R.T.: 2.671 min
Delta R.T.: -0.018 min
Response: 4427491
Conc: 31.46 ug/ml

Instrument :

FID_D

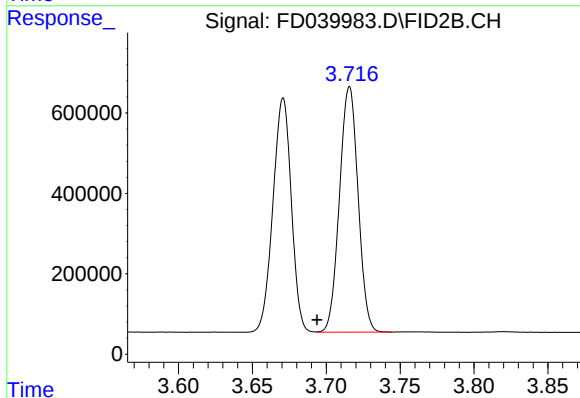
ClientSampleId :

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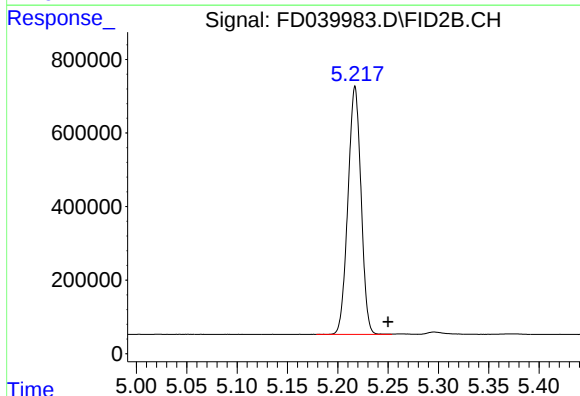
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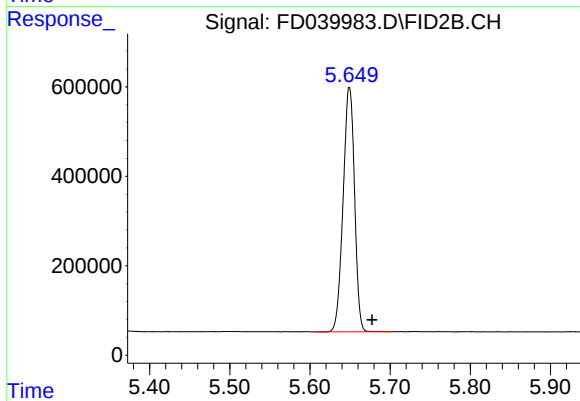
#2 n-Decane (C10)

R.T.: 3.716 min
Delta R.T.: 0.022 min
Response: 5345423
Conc: 37.48 ug/ml



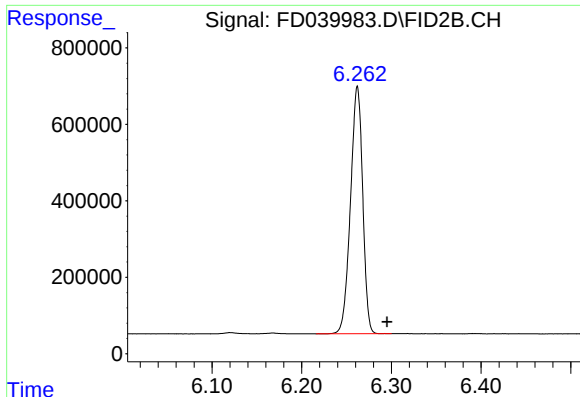
#3 A~Naphthalene (C11.7)

R.T.: 5.217 min
Delta R.T.: -0.033 min
Response: 6098572
Conc: 37.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.649 min
Delta R.T.: -0.028 min
Response: 5411111
Conc: 37.90 ug/ml



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

R.T.: 6.262 min
Delta R.T.: -0.033 min
Response: 6118668
Conc: 37.92 ug/ml

Instrument :

FID_D

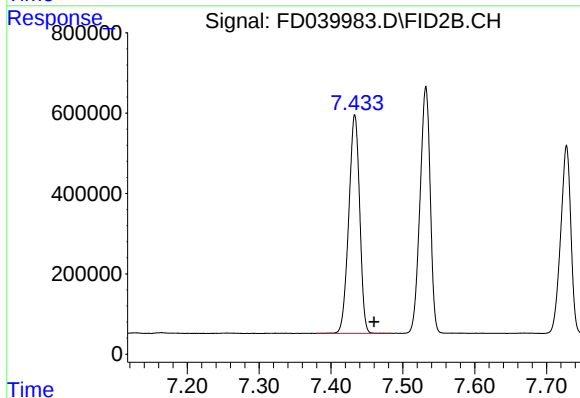
ClientSampleId :

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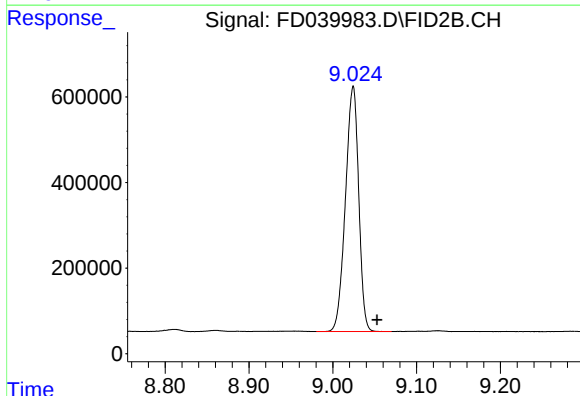
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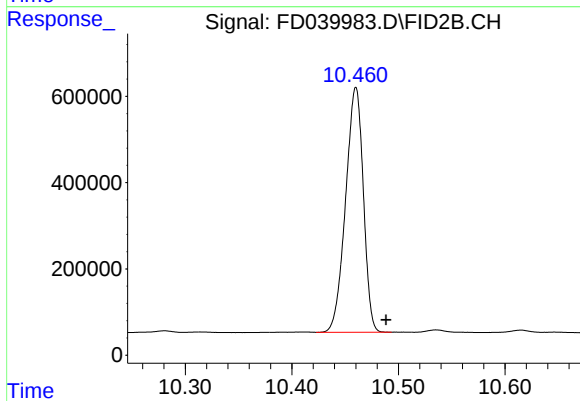
#6 n-Tetradecane (C14)

R.T.: 7.433 min
Delta R.T.: -0.027 min
Response: 5754474
Conc: 39.93 ug/ml



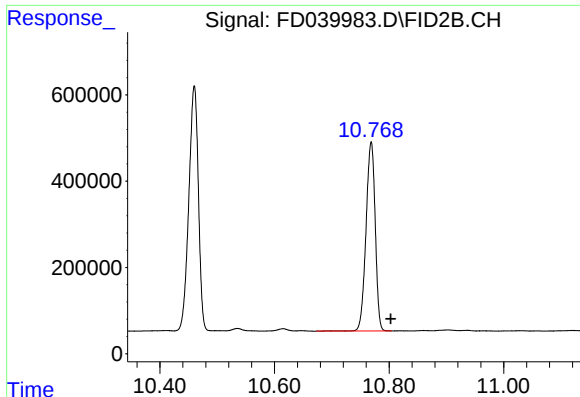
#7 n-Hexadecane (C16)

R.T.: 9.024 min
Delta R.T.: -0.028 min
Response: 6294548
Conc: 43.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.460 min
Delta R.T.: -0.028 min
Response: 6564540
Conc: 44.12 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.769 min
Delta R.T.: -0.034 min
Response: 4881670
Conc: 31.10 ug/ml

Instrument :

FID_D

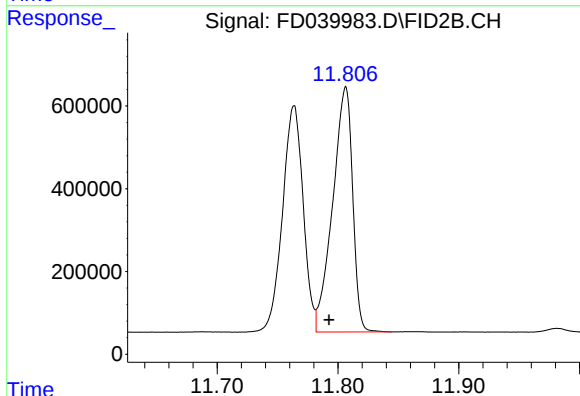
ClientSampleId :

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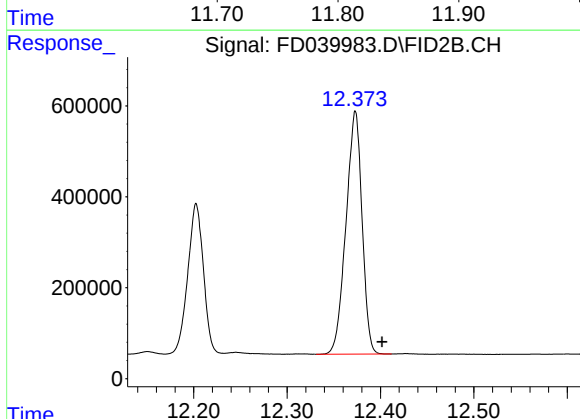
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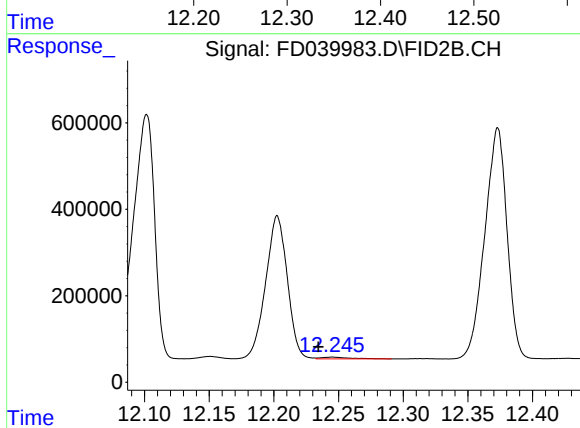
#10 n-Eicosane (C20)

R.T.: 11.806 min
Delta R.T.: 0.014 min
Response: 6801087
Conc: 46.50 ug/ml



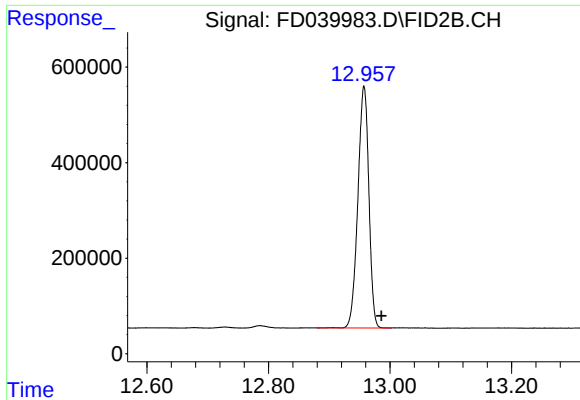
#11 n-Heneicosane (C21)

R.T.: 12.373 min
Delta R.T.: -0.029 min
Response: 6396589
Conc: 43.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.245 min
Delta R.T.: 0.011 min
Response: 61459
Conc: 0.50 ug/ml



#13 n-Docosane (C22)

R.T.: 12.957 min
Delta R.T.: -0.029 min
Response: 6338202
Conc: 43.40 ug/ml

Instrument :

FID_D

ClientSampleId :

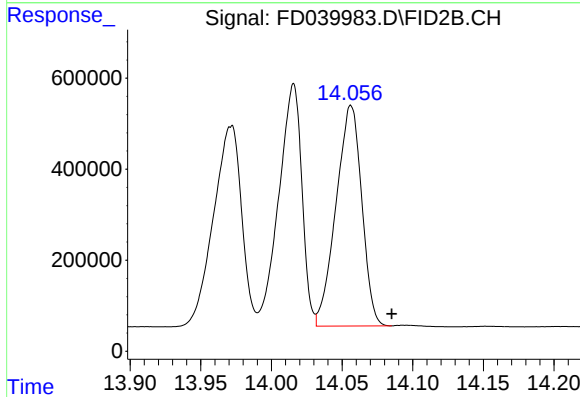
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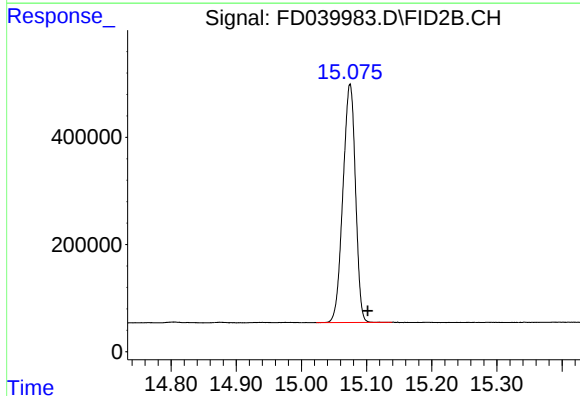
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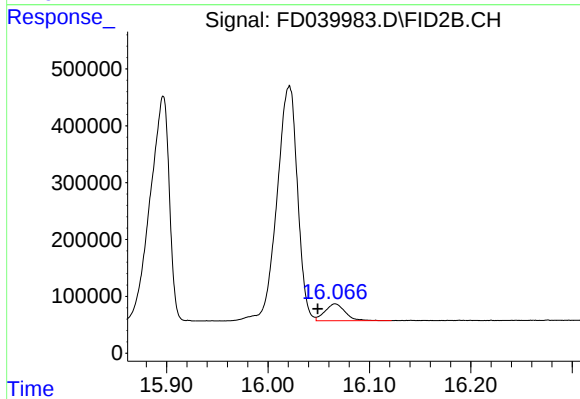
#14 n-Tetracosane (C24)

R.T.: 14.056 min
Delta R.T.: -0.029 min
Response: 6146542
Conc: 42.20 ug/ml



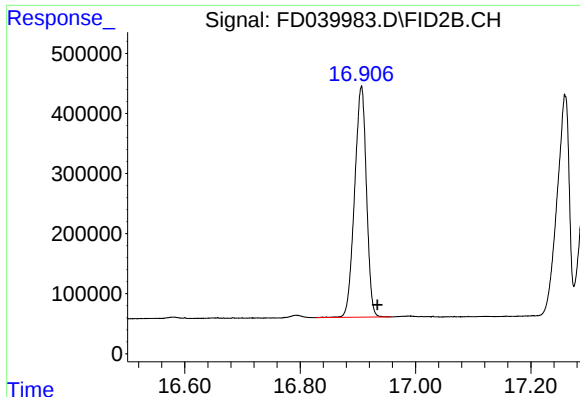
#15 n-Hexacosane (C26)

R.T.: 15.075 min
Delta R.T.: -0.027 min
Response: 5948391
Conc: 42.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.066 min
Delta R.T.: 0.017 min
Response: 412308
Conc: 3.04 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.906 min
Delta R.T.: -0.028 min
Response: 5484060
Conc: 41.97 ug/ml

Instrument :

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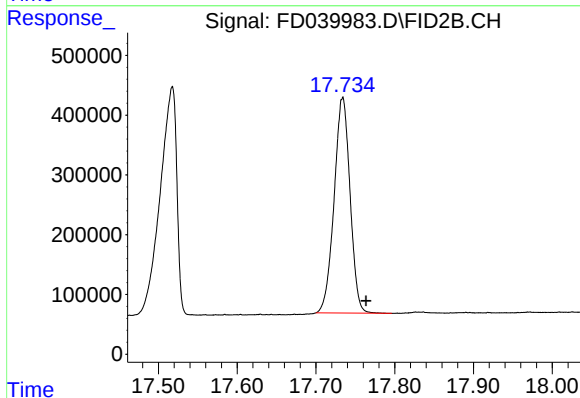
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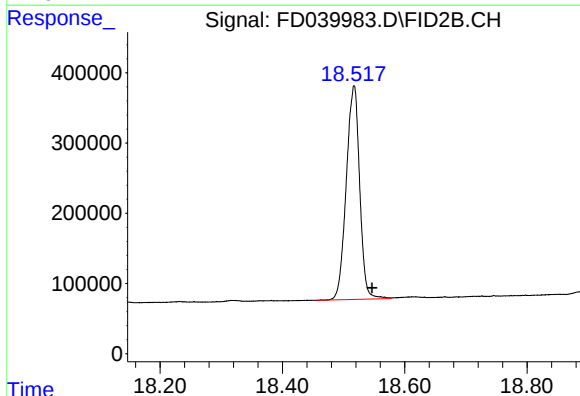
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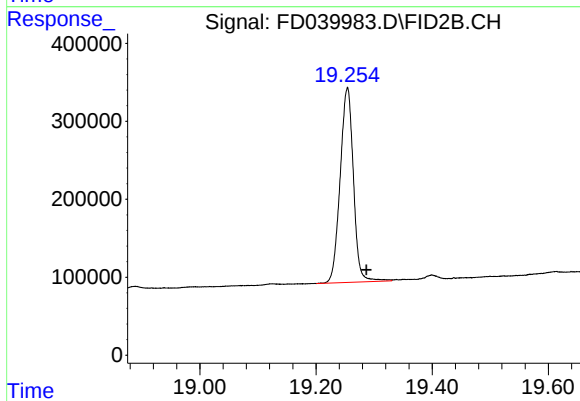
#18 n-Dotriacontane (C32)

R.T.: 17.734 min
Delta R.T.: -0.030 min
Response: 5079097
Conc: 40.81 ug/ml



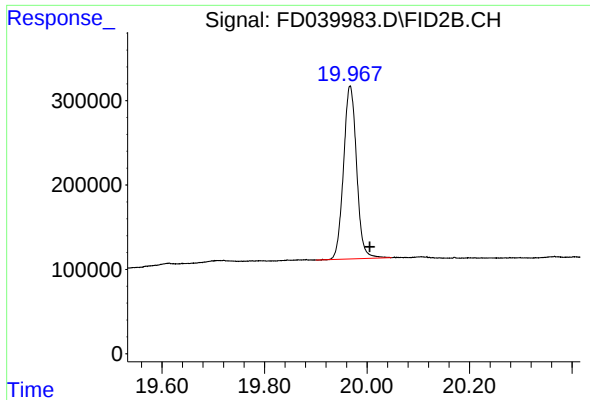
#19 n-Tetratriacontane (C34)

R.T.: 18.517 min
Delta R.T.: -0.029 min
Response: 4628791
Conc: 38.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.254 min
Delta R.T.: -0.033 min
Response: 3961908
Conc: 34.45 ug/ml



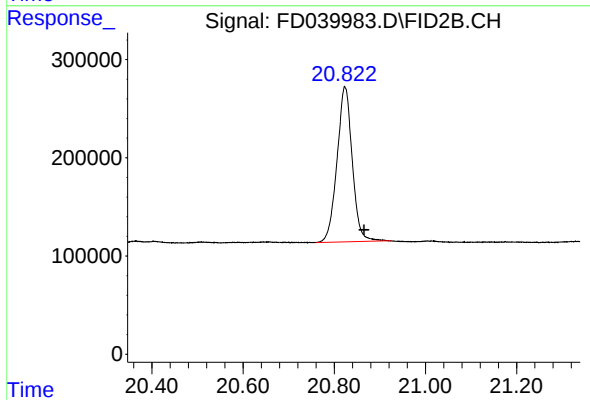
#21 n-Octatriacontane (C38)

R.T.: 19.967 min
Delta R.T.: -0.039 min
Response: 3620983
Conc: 32.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.822 min
Delta R.T.: -0.043 min
Response: 3656511
Conc: 32.09 ug/ml m