

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AL\
 Data File : FD040375.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 4:38
 Operator : AJ\MA
 Sample : M5337-10MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-1-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2022
 Supervised By :Ankita Jodhani 01/04/2022

Integration File: autoint1.e
 Quant Time: Jan 04 09:52:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.672	4894717	31.419 ug/ml
Spiked Amount 50.000		Recovery =	62.84%
12) S 1-chlorooctadecane (S...	12.104	3672582	30.453 ug/mlm
Spiked Amount 50.000		Recovery =	60.91%
Target Compounds			
1) T n-Nonane (C9)	2.621	4095184	31.206 ug/ml
2) T n-Decane (C10)	3.609	4640111	35.055 ug/mlm
3) T A~Naphthalene (C11.7)	5.141	5434581	36.831 ug/ml
4) T n-Dodecane (C12)	5.576	5032003	37.889 ug/ml
5) T A~2-methylnaphthalene...	6.181	5470582	36.867 ug/ml
6) T n-Tetradecane (C14)	7.353	5564372	40.248 ug/ml
7) T n-Hexadecane (C16)	8.938	5933673	43.275 ug/ml
8) T n-Octadecane (C18)	10.368	5976193	42.319 ug/ml
10) T n-Eicosane (C20)	11.668	5902333	42.218 ug/mlm
11) T n-Heneicosane (C21)	12.276	5703796	40.313 ug/ml
13) T n-Docosane (C22)	12.859	5680417	40.476 ug/ml
14) T n-Tetracosane (C24)	13.955	5541507	39.468 ug/ml
15) T n-Hexacosane (C26)	14.971	5315446	38.656 ug/ml
16) T n-Octacosane (C28)	15.914	5202781	38.246 ug/mlm
17) T n-Tricontane (C30)	16.797	4968835	37.129 ug/ml
18) T n-Dotriacontane (C32)	17.623	4688100	36.217 ug/ml
19) T n-Tetratriacontane (C34)	18.402	4246324	35.023 ug/ml
20) T n-Hexatriacontane (C36)	19.137	3607447	33.850 ug/ml
21) T n-Octatriacontane (C38)	19.839	3255698	35.255 ug/mlm
22) T n-Tetracontane (C40)	20.649	3299244	42.371 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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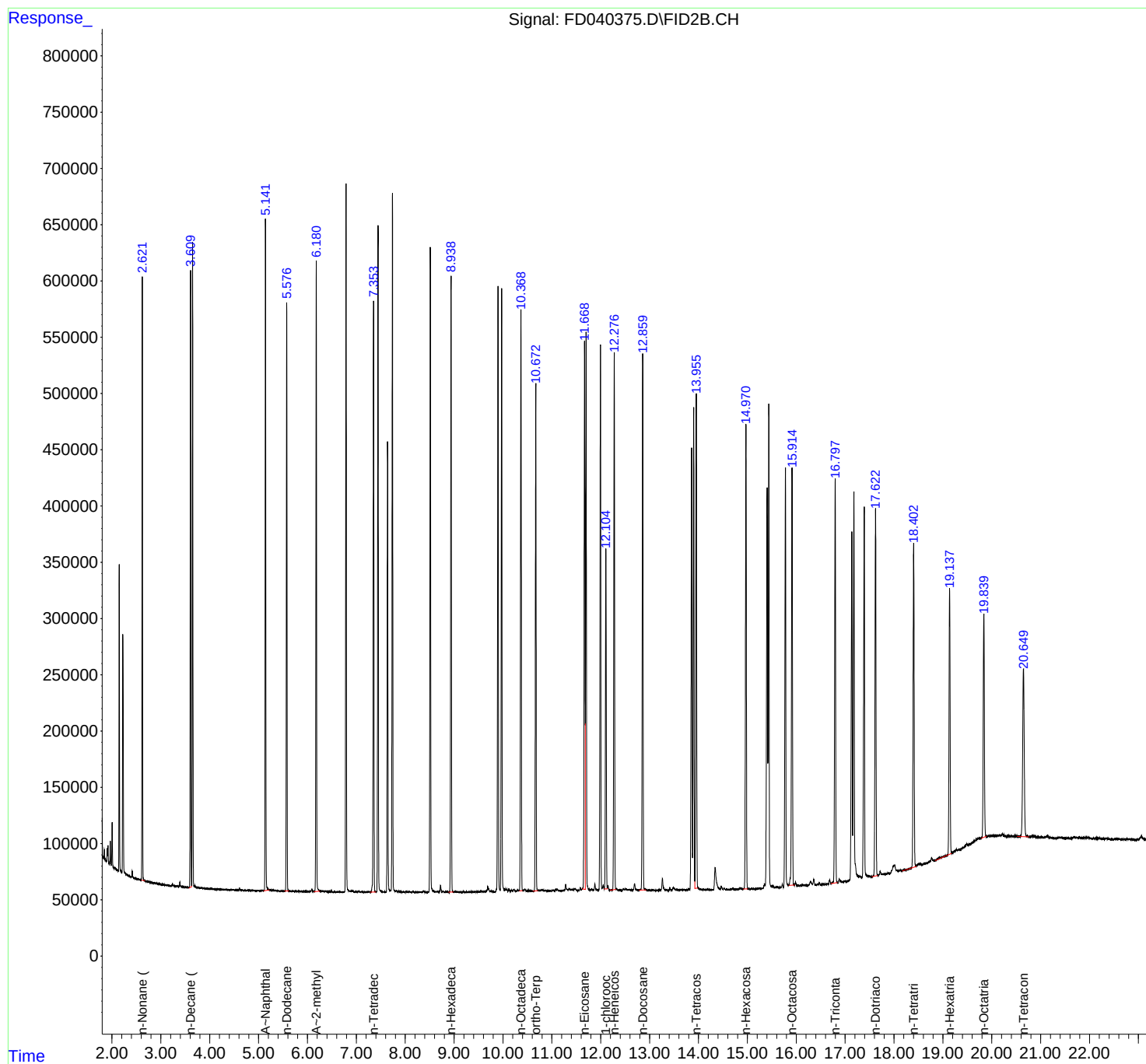
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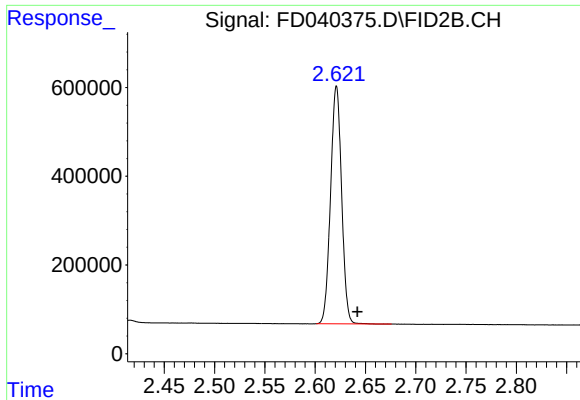
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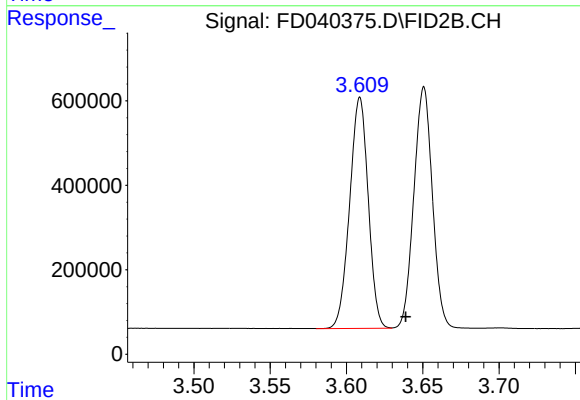
#1 n-Nonane (C9)

R.T.: 2.621 min
Delta R.T.: -0.021 min
Response: 4095184
Conc: 31.21 ug/ml

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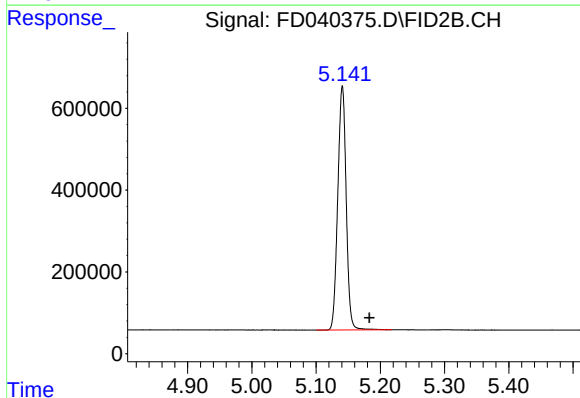
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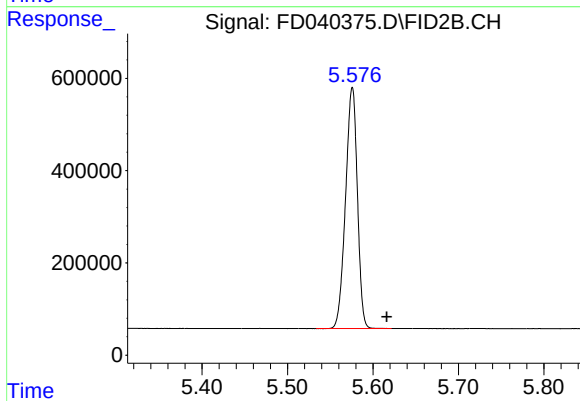
#2 n-Decane (C10)

R.T.: 3.609 min
Delta R.T.: -0.030 min
Response: 4640111
Conc: 35.05 ug/ml m



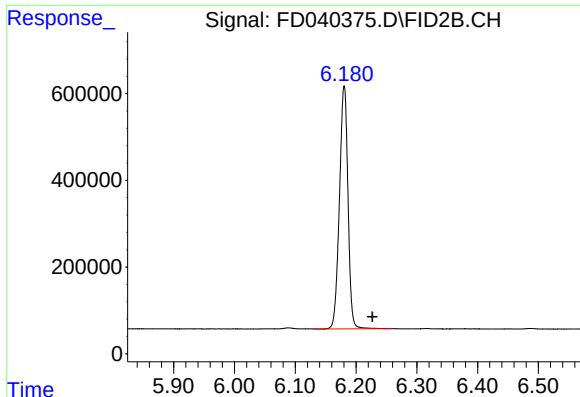
#3 A~Naphthalene (C11.7)

R.T.: 5.141 min
Delta R.T.: -0.042 min
Response: 5434581
Conc: 36.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: -0.040 min
Response: 5032003
Conc: 37.89 ug/ml



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

R.T.: 6.181 min
Delta R.T.: -0.046 min
Response: 5470582
Conc: 36.87 ug/ml

Instrument :

FID_D

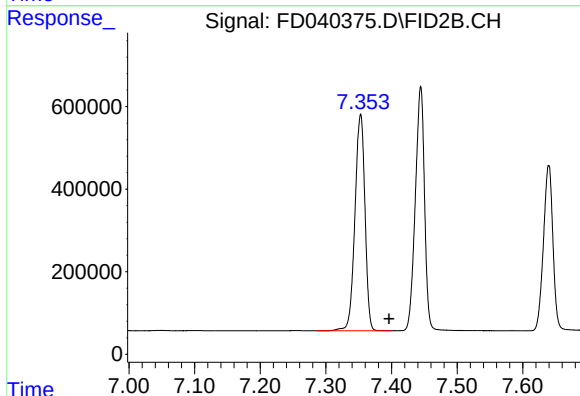
ClientSampleId :

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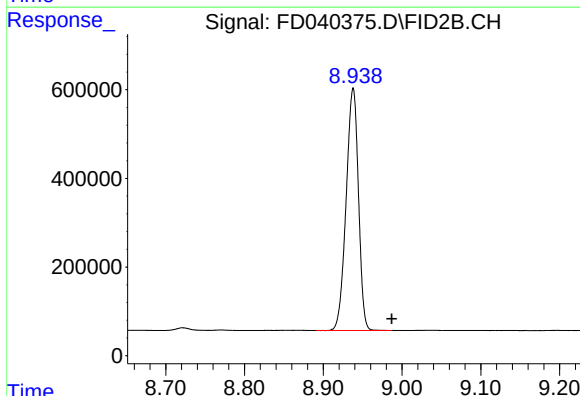
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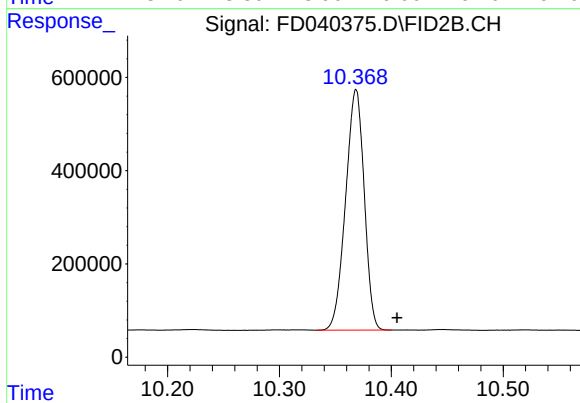
#6 n-Tetradecane (C14)

R.T.: 7.353 min
Delta R.T.: -0.043 min
Response: 5564372
Conc: 40.25 ug/ml



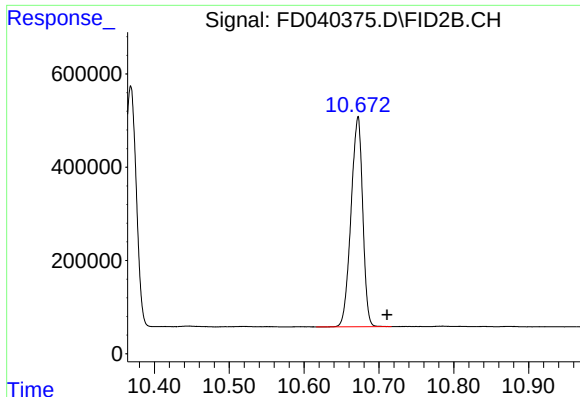
#7 n-Hexadecane (C16)

R.T.: 8.938 min
Delta R.T.: -0.049 min
Response: 5933673
Conc: 43.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.368 min
Delta R.T.: -0.037 min
Response: 5976193
Conc: 42.32 ug/ml



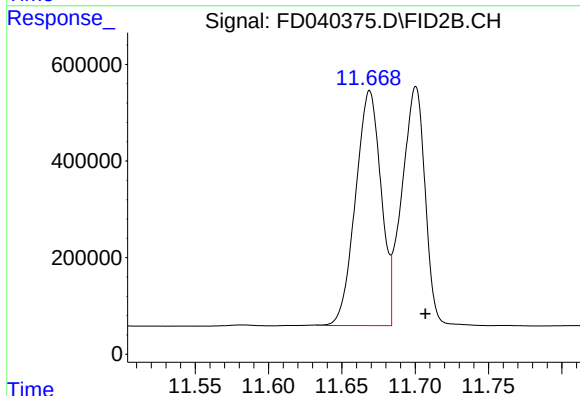
#9 ortho-Terphenyl (SURR)

R.T.: 10.672 min
Delta R.T.: -0.039 min
Response: 4894717
Conc: 31.42 ug/ml

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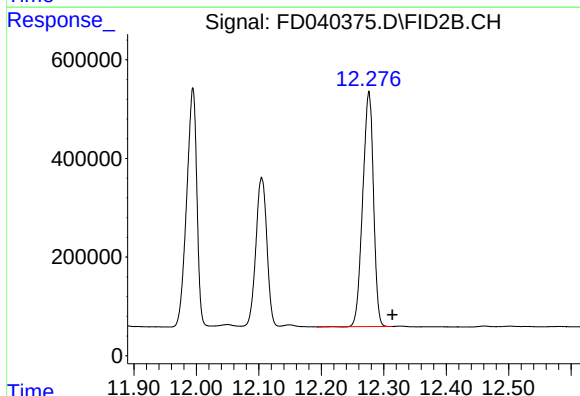
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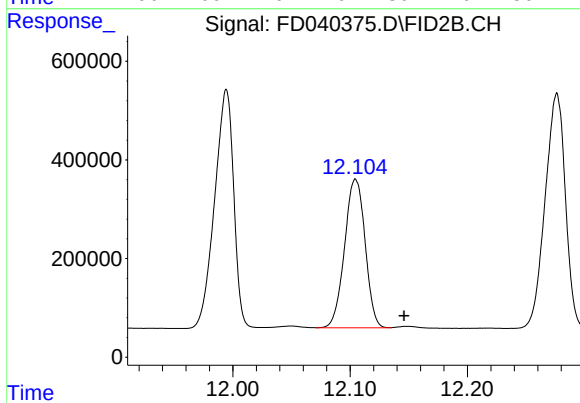
#10 n-Eicosane (C20)

R.T.: 11.668 min
Delta R.T.: -0.039 min
Response: 5902333
Conc: 42.22 ug/ml m



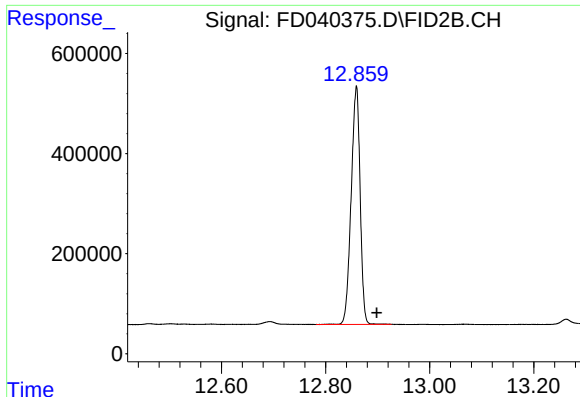
#11 n-Heneicosane (C21)

R.T.: 12.276 min
Delta R.T.: -0.038 min
Response: 5703796
Conc: 40.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.104 min
Delta R.T.: -0.042 min
Response: 3672582
Conc: 30.45 ug/ml m



#13 n-Docosane (C22)

R.T.: 12.859 min
Delta R.T.: -0.039 min
Response: 5680417
Conc: 40.48 ug/ml

Instrument :

FID_D

ClientSampleId :

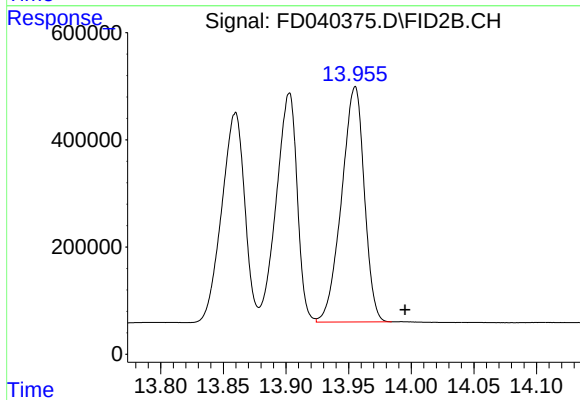
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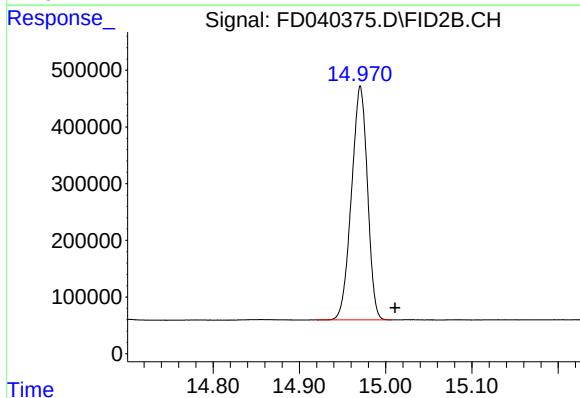
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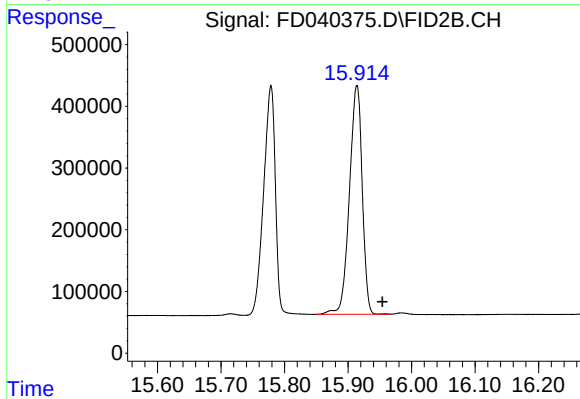
#14 n-Tetracosane (C24)

R.T.: 13.955 min
Delta R.T.: -0.040 min
Response: 5541507
Conc: 39.47 ug/ml



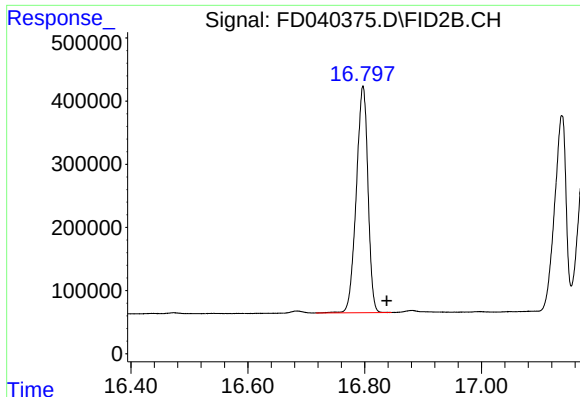
#15 n-Hexacosane (C26)

R.T.: 14.971 min
Delta R.T.: -0.040 min
Response: 5315446
Conc: 38.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.914 min
Delta R.T.: -0.040 min
Response: 5202781
Conc: 38.25 ug/ml m



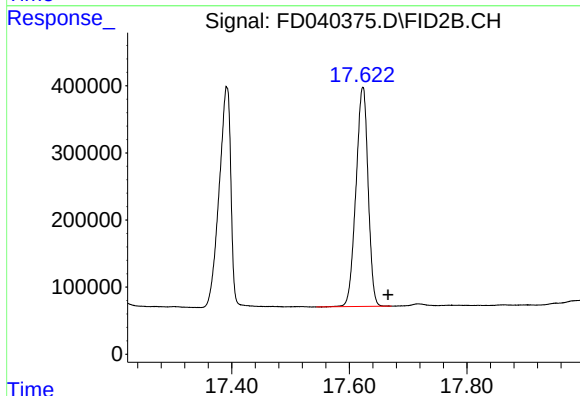
#17 n-Tricontane (C30)

R.T.: 16.797 min
Delta R.T.: -0.041 min
Response: 4968835
Conc: 37.13 ug/ml

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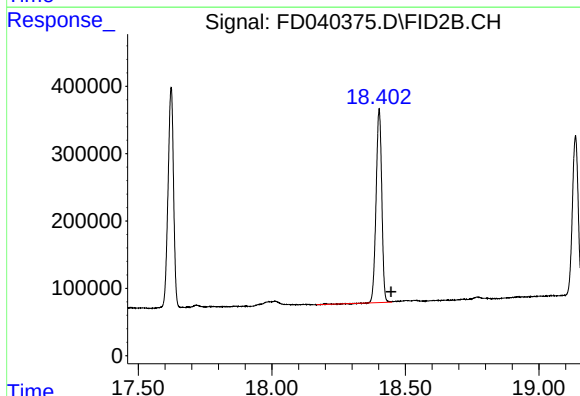
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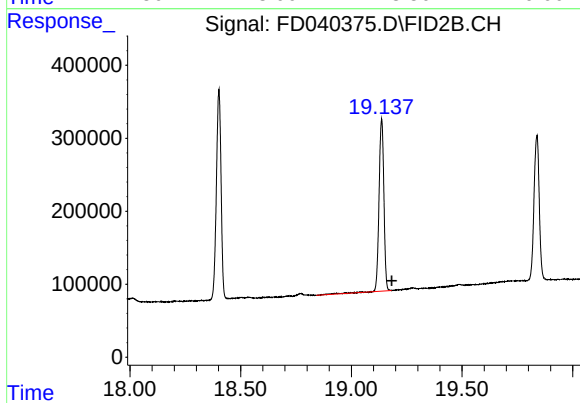
#18 n-Dotriacontane (C32)

R.T.: 17.623 min
Delta R.T.: -0.043 min
Response: 4688100
Conc: 36.22 ug/ml



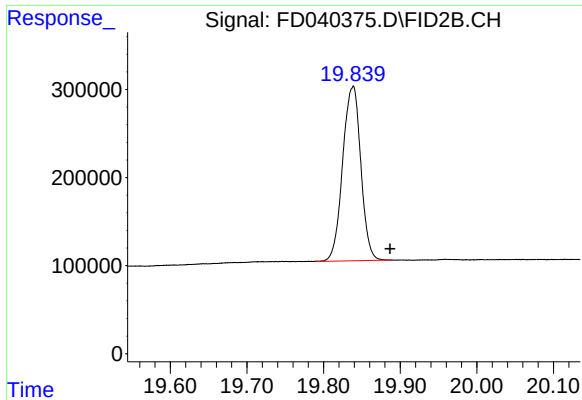
#19 n-Tetratriacontane (C34)

R.T.: 18.402 min
Delta R.T.: -0.044 min
Response: 4246324
Conc: 35.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.137 min
Delta R.T.: -0.046 min
Response: 3607447
Conc: 33.85 ug/ml



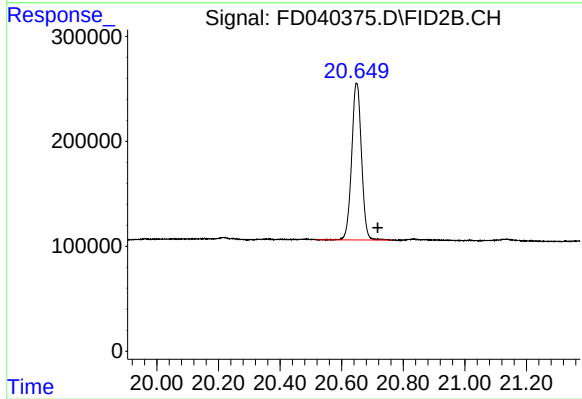
#21 n-Octatriacontane (C38)

R.T.: 19.839 min
Delta R.T.: -0.048 min
Response: 3255698
Conc: 35.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.649 min
Delta R.T.: -0.068 min
Response: 3299244
Conc: 42.37 ug/ml