

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AL\
 Data File : FD040424.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 13:27
 Operator : AJ\MA
 Sample : N1004-01MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 RO-R2-IECMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2022
 Supervised By :Ankita Jodhani 01/05/2022

Integration File: autoint1.e
 Quant Time: Jan 05 14:18:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.635	7313722	47.434 ug/mlm
Spiked Amount 50.000		Recovery =	94.87%
12) S 1-chlorooctadecane (S...	12.072	5748856	48.841 ug/ml
Spiked Amount 50.000		Recovery =	97.68%
Target Compounds			
1) T n-Nonane (C9)	2.575	4218748	32.861 ug/ml
2) T n-Decane (C10)	3.563	4717501	36.636 ug/ml
3) T A~Naphthalene (C11.7)	5.093	5900060	41.529 ug/mlm
4) T n-Dodecane (C12)	5.532	5519424	43.183 ug/mlm
5) T A~2-methylnaphthalene...	6.135	6722010	47.649 ug/mlm
6) T n-Tetradecane (C14)	7.314	6178696	47.697 ug/mlm
7) T n-Hexadecane (C16)	8.901	7777838	59.699 ug/mlm
8) T n-Octadecane (C18)	10.334	7327425	54.076 ug/mlm
10) T n-Eicosane (C20)	11.635	7353081	54.059 ug/mlm
11) T n-Heneicosane (C21)	12.242	7134016	51.518 ug/ml
13) T n-Docosane (C22)	12.825	6797697	49.299 ug/ml
14) T n-Tetracosane (C24)	13.921	6708258	47.976 ug/ml
15) T n-Hexacosane (C26)	14.939	6558236	47.577 ug/ml
16) T n-Octacosane (C28)	15.881	6411443	47.252 ug/ml
17) T n-Tricontane (C30)	16.766	6326064	48.536 ug/ml
18) T n-Dotriacontane (C32)	17.593	6079346	50.854 ug/ml
19) T n-Tetratriacontane (C34)	18.372	5484841	52.092 ug/ml
20) T n-Hexatriacontane (C36)	19.108	4651040	45.899 ug/ml
21) T n-Octatriacontane (C38)	19.807	4120838	46.123 ug/ml
22) T n-Tetracontane (C40)	20.610	4081472	47.747 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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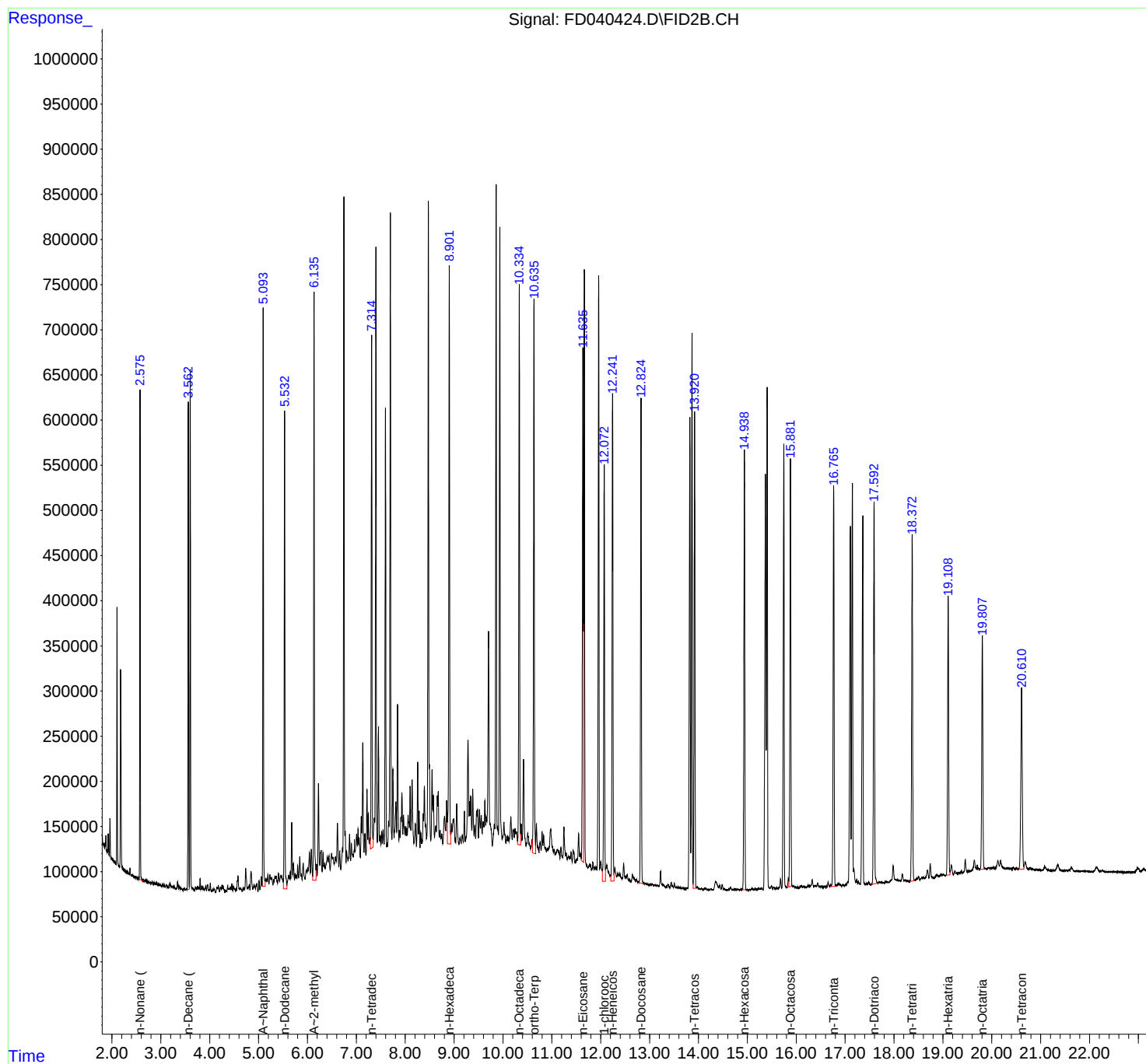
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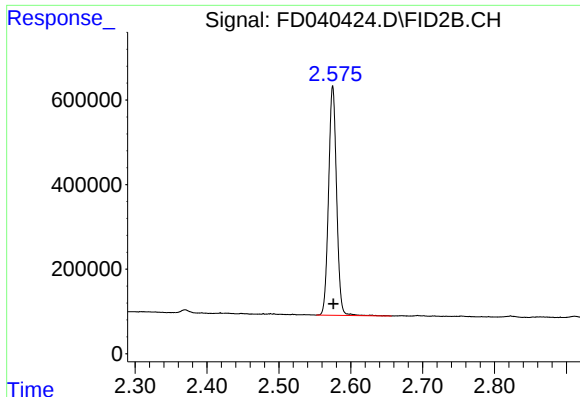
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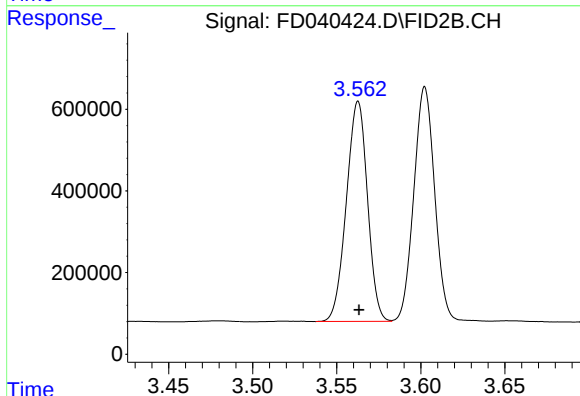
#1 n-Nonane (C9)

R.T.: 2.575 min
Delta R.T.: 0.000 min
Response: 4218748
Conc: 32.86 ug/ml

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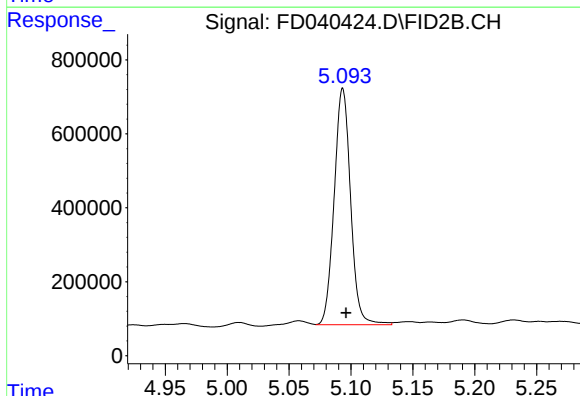
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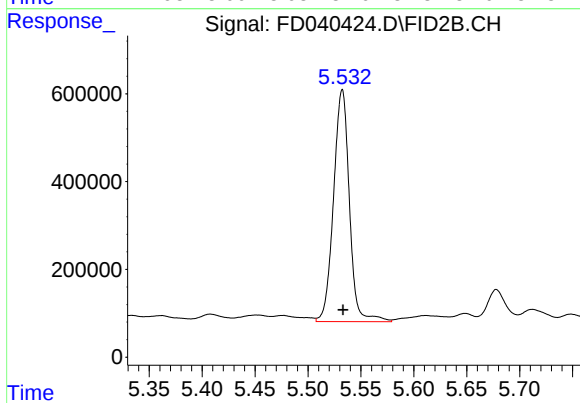
#2 n-Decane (C10)

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 4717501
Conc: 36.64 ug/ml



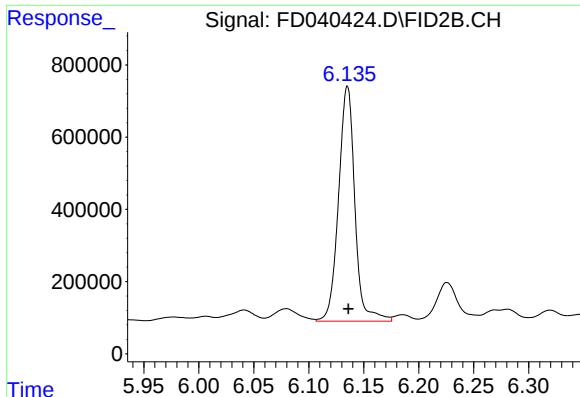
#3 A~Naphthalene (C11.7)

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 5900060
Conc: 41.53 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 5519424
Conc: 43.18 ug/ml m



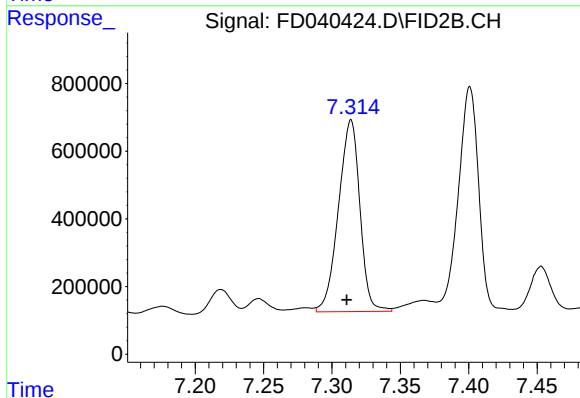
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.135 min
Delta R.T.: -0.001 min
Response: 6722010
Conc: 47.65 ug/ml

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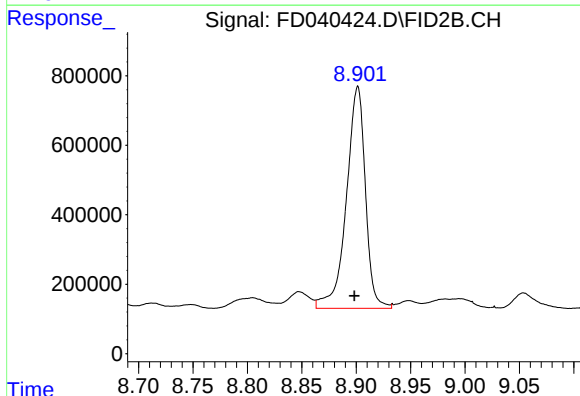
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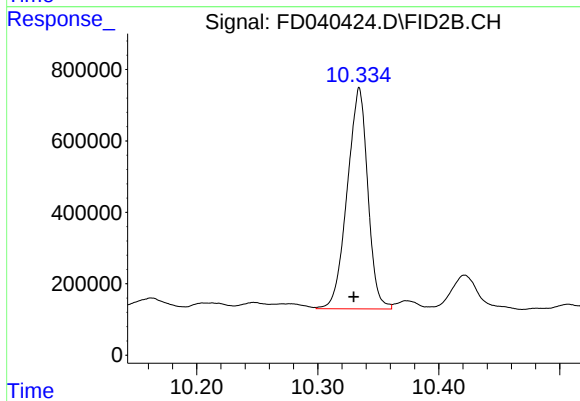
#6 n-Tetradecane (C14)

R.T.: 7.314 min
Delta R.T.: 0.003 min
Response: 6178696
Conc: 47.70 ug/ml m



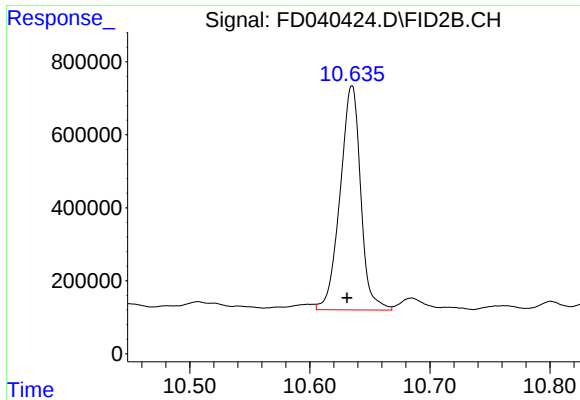
#7 n-Hexadecane (C16)

R.T.: 8.901 min
Delta R.T.: 0.003 min
Response: 7777838
Conc: 59.70 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.334 min
Delta R.T.: 0.004 min
Response: 7327425
Conc: 54.08 ug/ml m



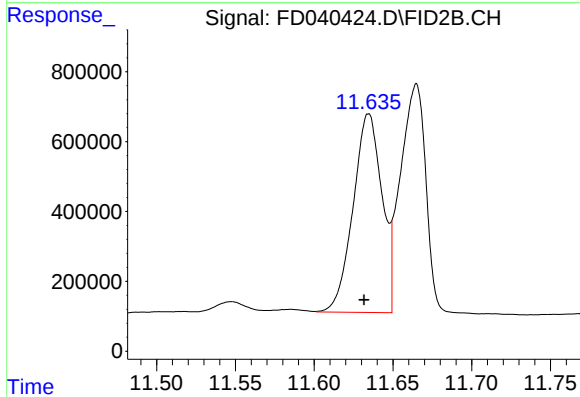
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: 0.004 min
Response: 7313722
Conc: 47.43 ug/ml

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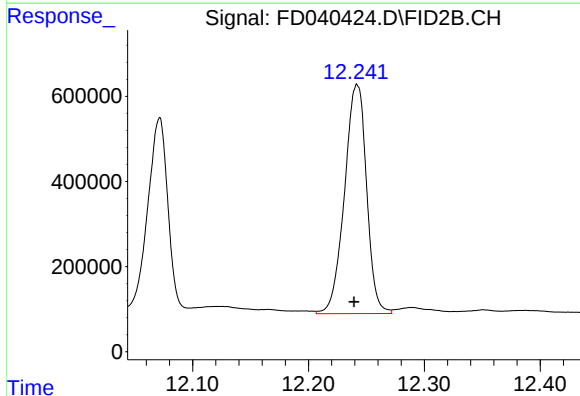
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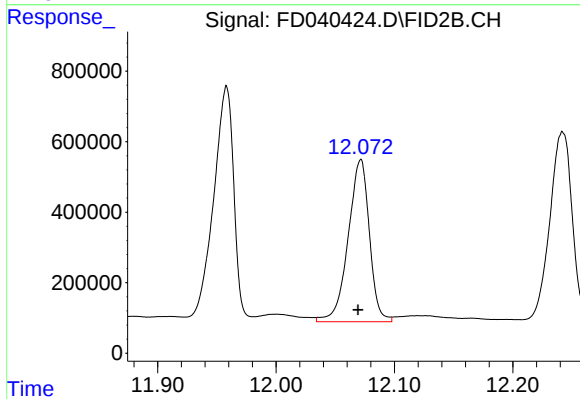
#10 n-Eicosane (C20)

R.T.: 11.635 min
Delta R.T.: 0.003 min
Response: 7353081
Conc: 54.06 ug/ml m



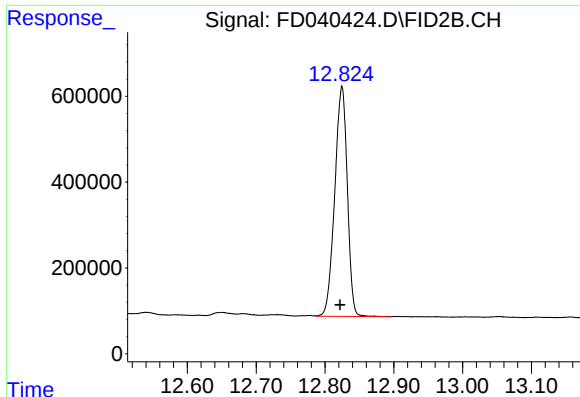
#11 n-Heneicosane (C21)

R.T.: 12.242 min
Delta R.T.: 0.002 min
Response: 7134016
Conc: 51.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.072 min
Delta R.T.: 0.002 min
Response: 5748856
Conc: 48.84 ug/ml



#13 n-Docosane (C22)

R.T.: 12.825 min
Delta R.T.: 0.003 min
Response: 6797697
Conc: 49.30 ug/ml

Instrument :

FID_D

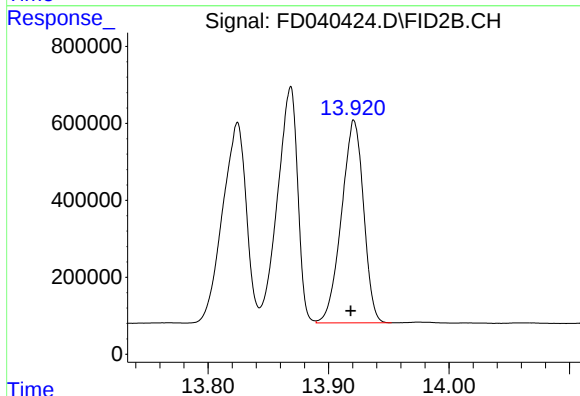
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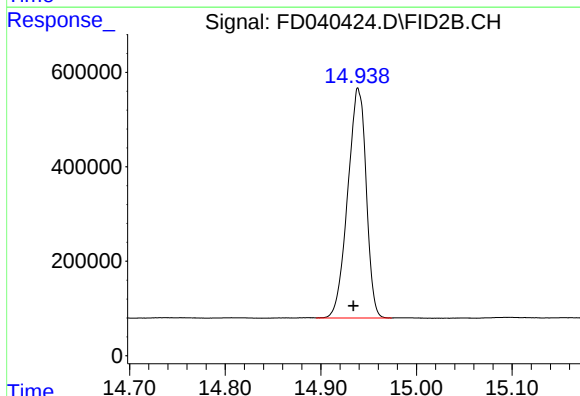
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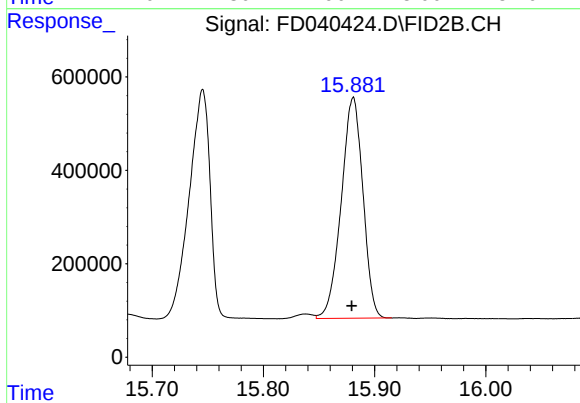
#14 n-Tetracosane (C24)

R.T.: 13.921 min
Delta R.T.: 0.003 min
Response: 6708258
Conc: 47.98 ug/ml



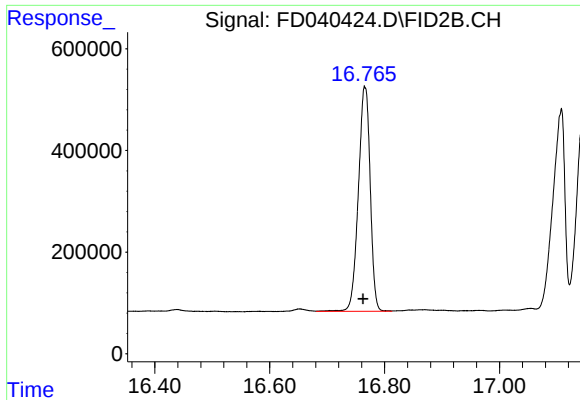
#15 n-Hexacosane (C26)

R.T.: 14.939 min
Delta R.T.: 0.005 min
Response: 6558236
Conc: 47.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.881 min
Delta R.T.: 0.001 min
Response: 6411443
Conc: 47.25 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.766 min
Delta R.T.: 0.004 min
Response: 6326064
Conc: 48.54 ug/ml

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FID_D

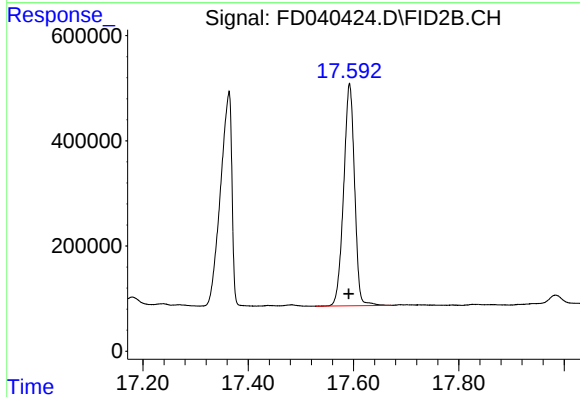
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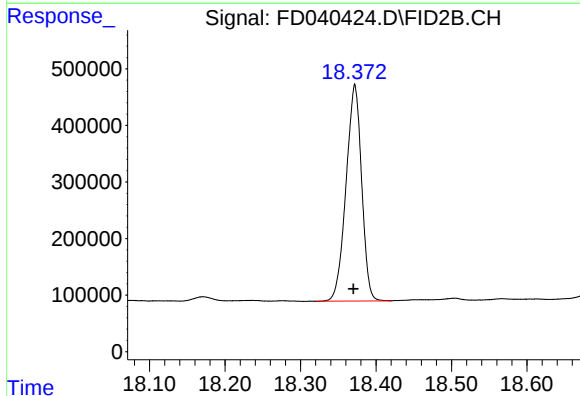
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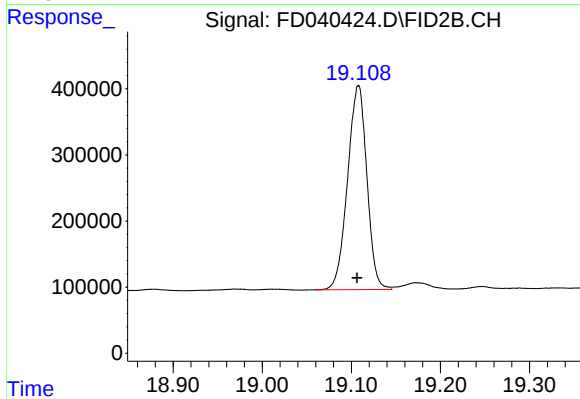
#18 n-Dotriacontane (C32)

R.T.: 17.593 min
Delta R.T.: 0.001 min
Response: 6079346
Conc: 50.85 ug/ml



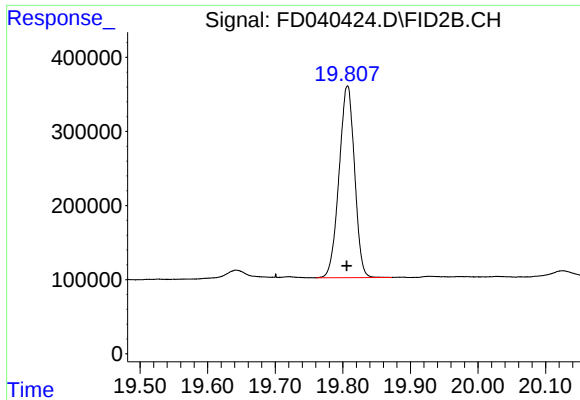
#19 n-Tetratriacontane (C34)

R.T.: 18.372 min
Delta R.T.: 0.002 min
Response: 5484841
Conc: 52.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.108 min
Delta R.T.: 0.002 min
Response: 4651040
Conc: 45.90 ug/ml



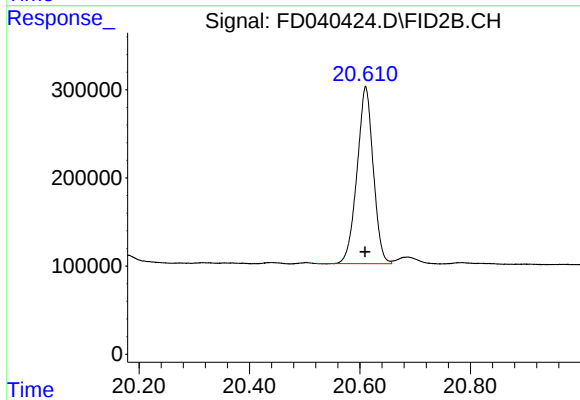
#21 n-Octatriacontane (C38)

R.T.: 19.807 min
Delta R.T.: 0.000 min
Response: 4120838
Conc: 46.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.610 min
Delta R.T.: 0.001 min
Response: 4081472
Conc: 47.75 ug/ml