

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AL\
 Data File : FD042440.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 8:49
 Operator : UA/NP
 Sample : N2803-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PE-A2MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e

Quant Time: May 13 09:25:40 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Fri Apr 22 01:55:29 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)	11.207	6173980	36.814 ug/ml
Spiked Amount 50.000		Recovery =	73.63%
12) S 1-chlorooctadecane (S...	12.644	5002147	37.907 ug/ml
Spiked Amount 50.000		Recovery =	75.81%
Target Compounds			
1) T n-Nonane (C9)	3.083	4134351	30.332 ug/ml
2) T n-Decane (C10)	4.127	5384818	40.181 ug/ml
3) T A~Naphthalene (C11.7)	5.675	6799627	46.909 ug/ml
4) T n-Dodecane (C12)	6.120	6517482	45.780 ug/ml
5) T A~2-methylnaphthalene...	6.720	7103638	50.976 ug/ml
6) T n-Tetradecane (C14)	7.896	7007979	49.198 ug/ml
7) T n-Hexadecane (C16)	9.480	7591612	52.241 ug/ml
8) T n-Octadecane (C18)	10.910	8189817	54.644 ug/ml
10) T n-Eicosane (C20)	12.210	7908069	51.666 ug/ml
11) T n-Heneicosane (C21)	12.816	7794622	50.560 ug/ml
13) T n-Docosane (C22)	13.398	7647384	49.612 ug/ml
14) T n-Tetracosane (C24)	14.493	8157069	52.744 ug/ml
15) T n-Hexacosane (C26)	15.509	7160786	46.554 ug/ml
16) T n-Octacosane (C28)	16.450	7080305	46.309 ug/ml
17) T n-Tricontane (C30)	17.335	6634012	44.228 ug/ml
18) T n-Dotriacontane (C32)	18.160	6573428	46.489 ug/ml
19) T n-Tetratriacontane (C34)	18.938	5977657	46.450 ug/ml
20) T n-Hexatriacontane (C36)	19.672	5615609	49.625 ug/ml
21) T n-Octatriacontane (C38)	20.368	5382867	53.949 ug/ml
22) T n-Tetracontane (C40)	21.139	5197573	57.623 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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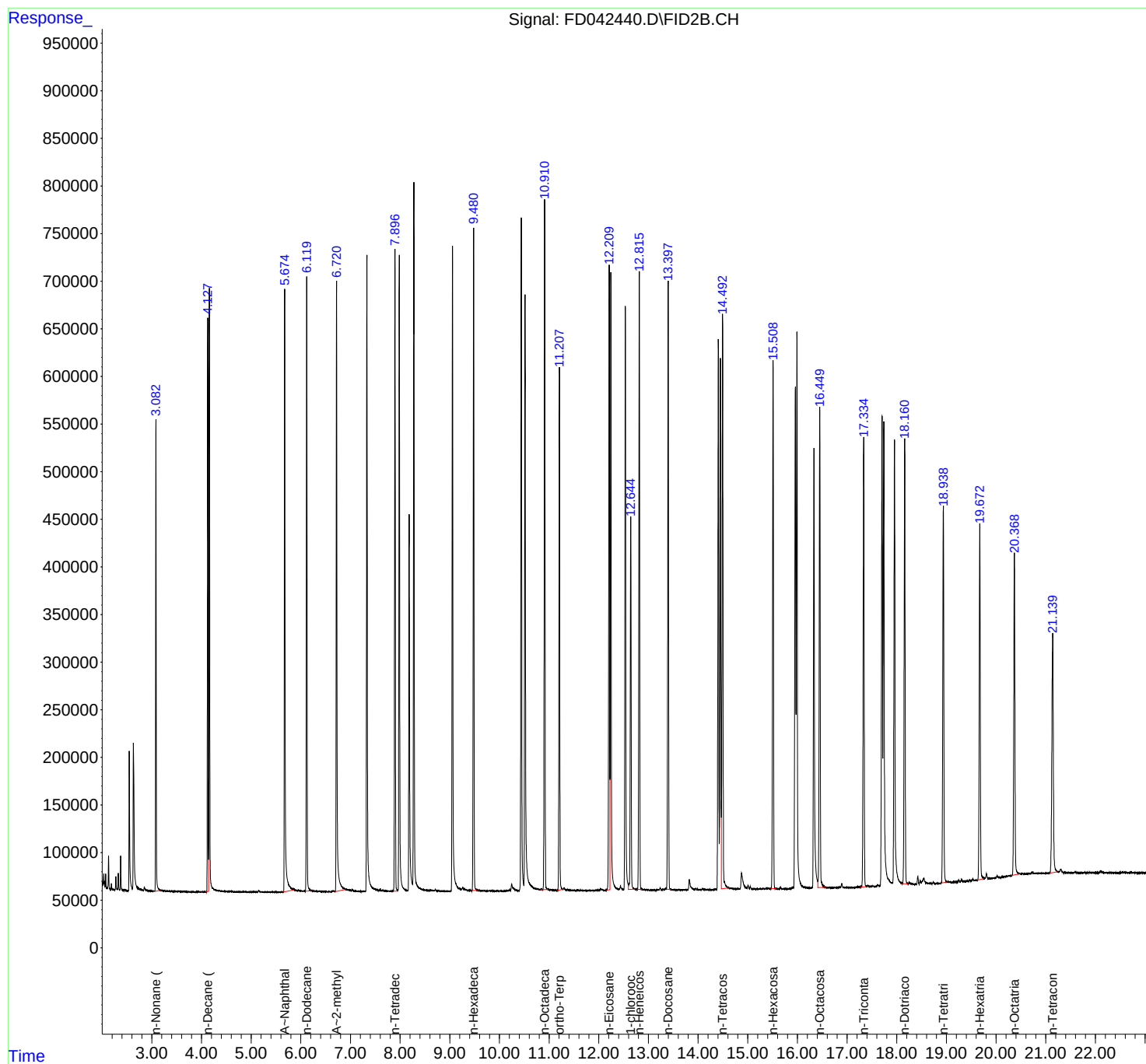
Instrument :
FID_D
ClientSampleId :
PE-A2MSD

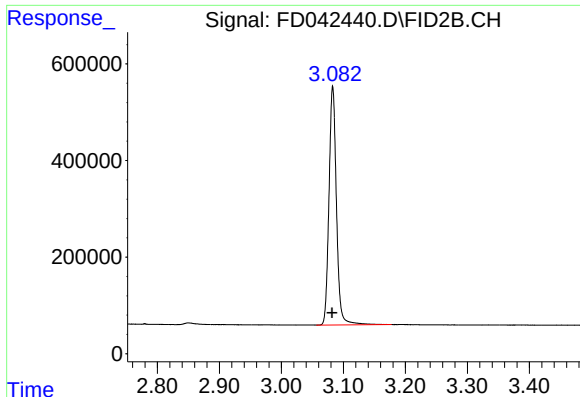
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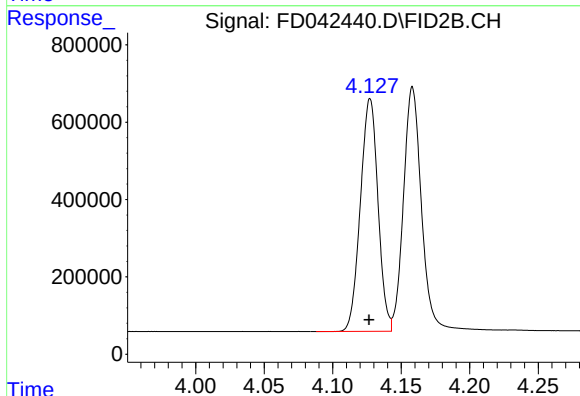
#1 n-Nonane (C9)

R.T.: 3.083 min
Delta R.T.: 0.000 min
Response: 4134351
Conc: 30.33 ug/ml

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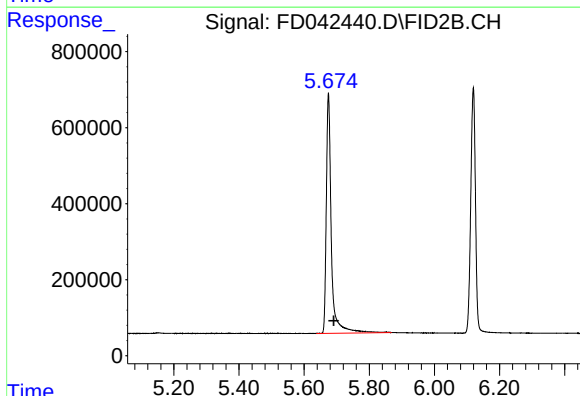
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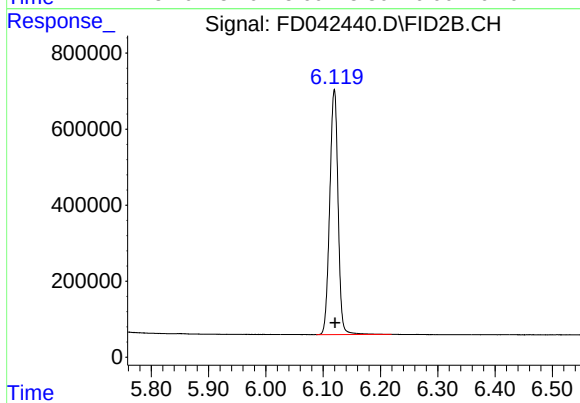
#2 n-Decane (C10)

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 5384818
Conc: 40.18 ug/ml



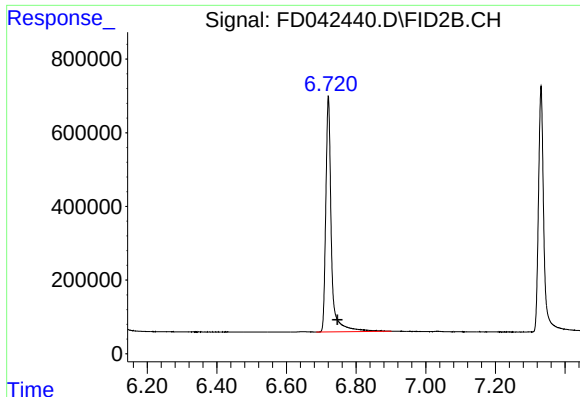
#3 A~Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.016 min
Response: 6799627
Conc: 46.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 6517482
Conc: 45.78 ug/ml



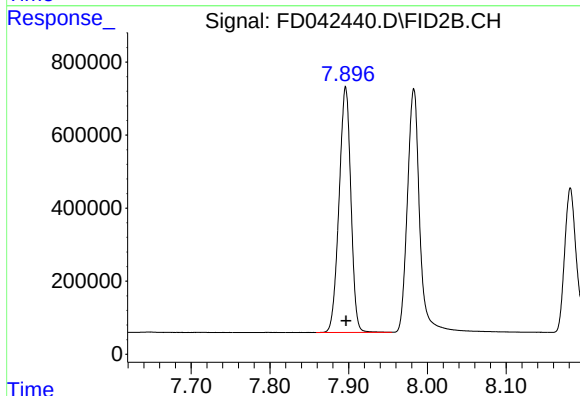
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.026 min
Response: 7103638
Conc: 50.98 ug/ml

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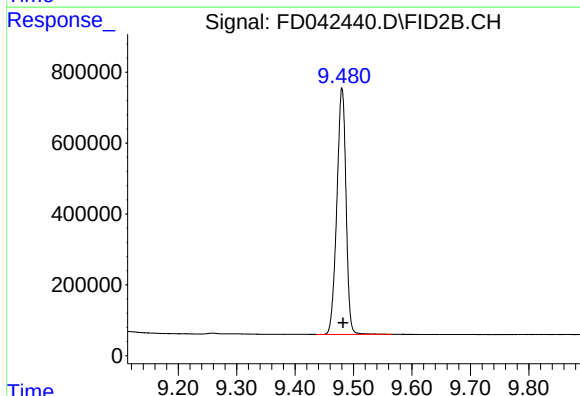
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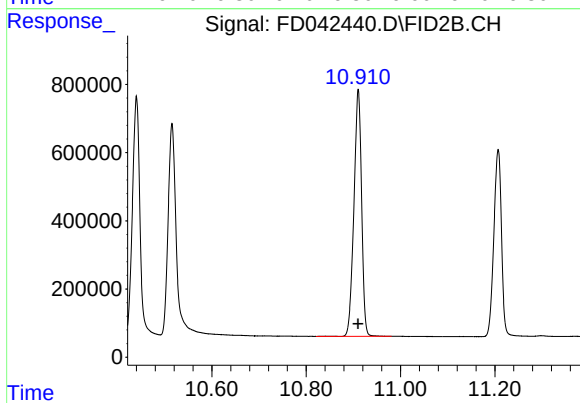
#6 n-Tetradecane (C14)

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 7007979
Conc: 49.20 ug/ml



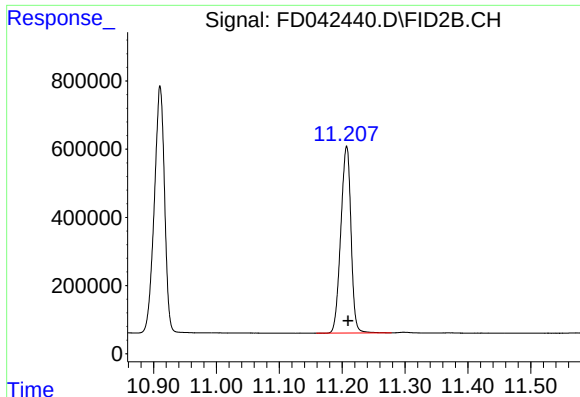
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 7591612
Conc: 52.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.910 min
Delta R.T.: 0.000 min
Response: 8189817
Conc: 54.64 ug/ml



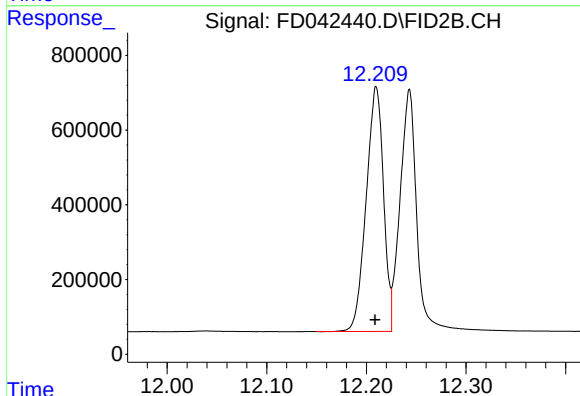
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.002 min
Response: 6173980
Conc: 36.81 ug/ml

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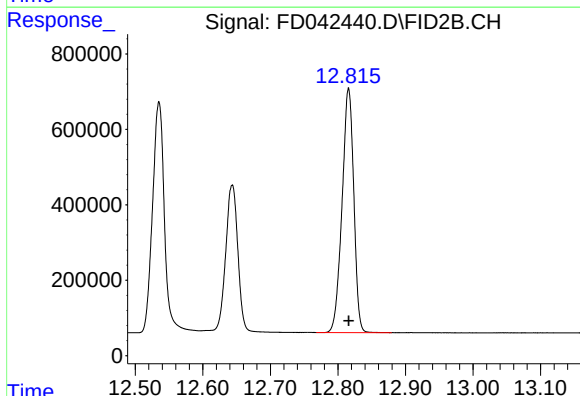
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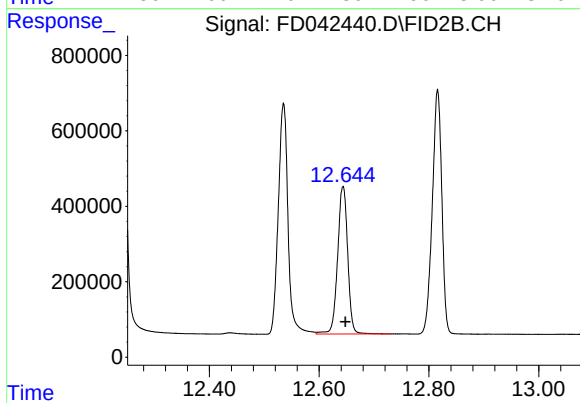
#10 n-Eicosane (C20)

R.T.: 12.210 min
Delta R.T.: 0.001 min
Response: 7908069
Conc: 51.67 ug/ml



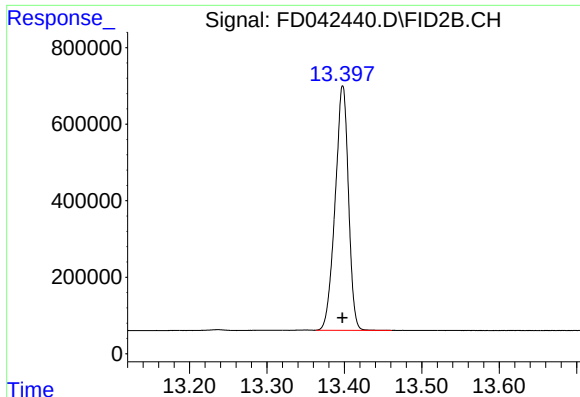
#11 n-Heneicosane (C21)

R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 7794622
Conc: 50.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.644 min
Delta R.T.: -0.004 min
Response: 5002147
Conc: 37.91 ug/ml



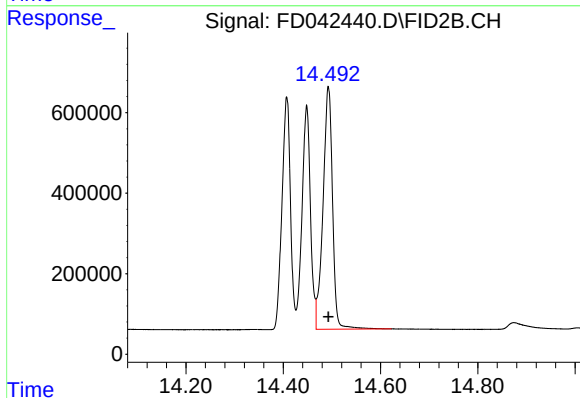
#13 n-Docosane (C22)

R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 7647384
Conc: 49.61 ug/ml

Instrument :
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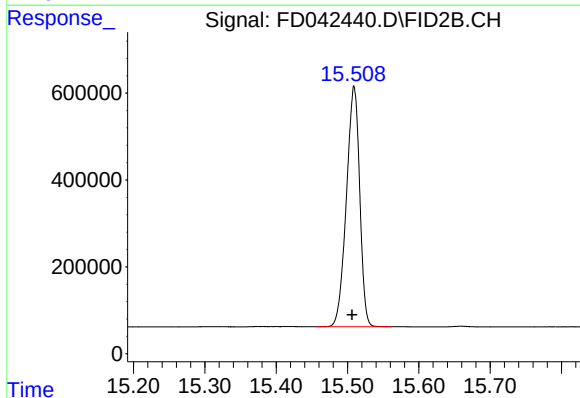
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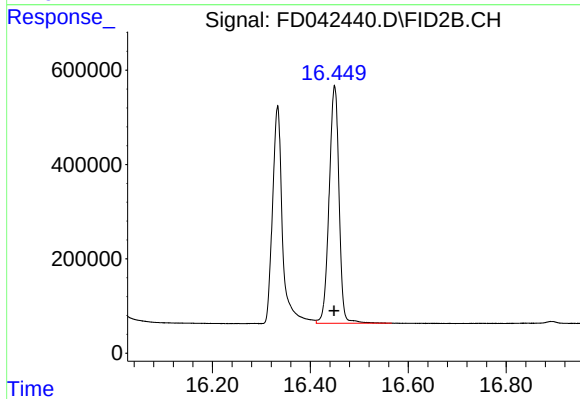
#14 n-Tetracosane (C24)

R.T.: 14.493 min
Delta R.T.: 0.000 min
Response: 8157069
Conc: 52.74 ug/ml



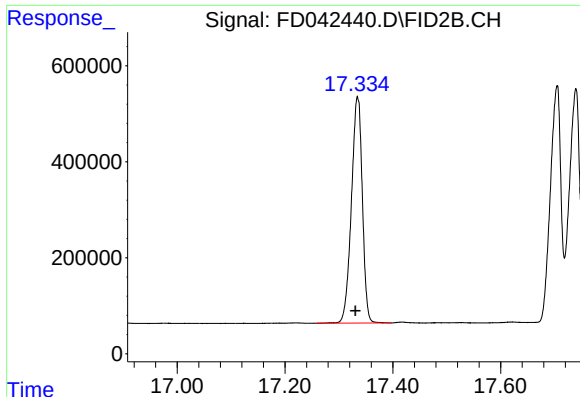
#15 n-Hexacosane (C26)

R.T.: 15.509 min
Delta R.T.: 0.003 min
Response: 7160786
Conc: 46.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.450 min
Delta R.T.: 0.000 min
Response: 7080305
Conc: 46.31 ug/ml



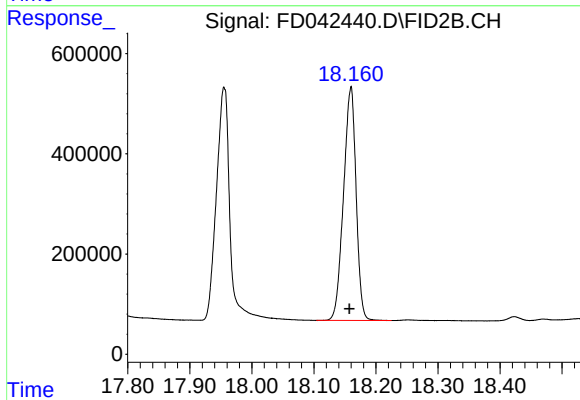
#17 n-Tricontane (C30)

R.T.: 17.335 min
Delta R.T.: 0.004 min
Response: 6634012
Conc: 44.23 ug/ml

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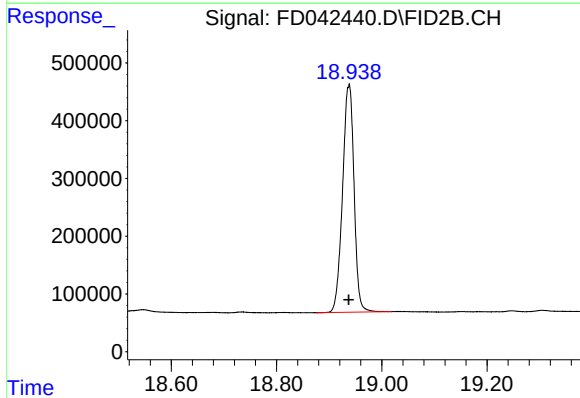
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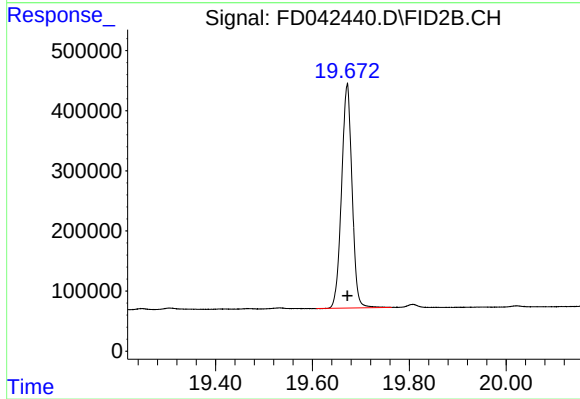
#18 n-Dotriacontane (C32)

R.T.: 18.160 min
Delta R.T.: 0.003 min
Response: 6573428
Conc: 46.49 ug/ml



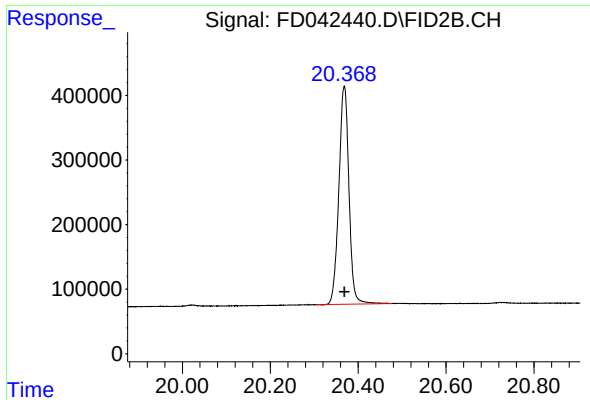
#19 n-Tetratriacontane (C34)

R.T.: 18.938 min
Delta R.T.: 0.000 min
Response: 5977657
Conc: 46.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.672 min
Delta R.T.: 0.000 min
Response: 5615609
Conc: 49.63 ug/ml



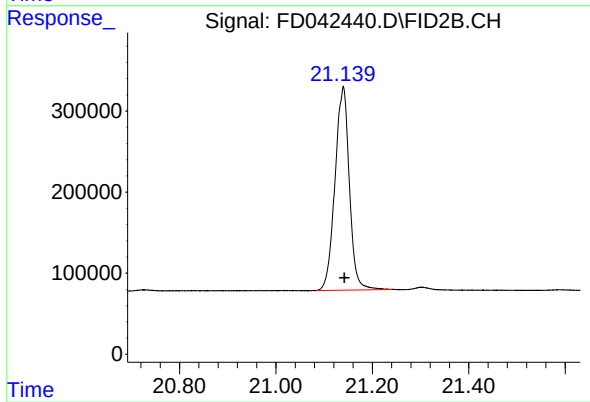
#21 n-Octatriacontane (C38)

R.T.: 20.368 min
Delta R.T.: 0.000 min
Response: 5382867
Conc: 53.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.139 min
Delta R.T.: -0.003 min
Response: 5197573
Conc: 57.62 ug/ml m