

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AL\
 Data File : FD042472.D
 Signal(s) : FID2B.CH
 Acq On : 16 May 2022 12:52
 Operator : UA/NP
 Sample : PB144824BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144824BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e
 Quant Time: May 16 20:48:40 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)	11.208	7147029	42.616 ug/ml
Spiked Amount 50.000		Recovery =	85.23%
12) S 1-chlorooctadecane (S...	12.646	5336325	40.439 ug/ml
Spiked Amount 50.000		Recovery =	80.88%
Target Compounds			
1) T n-Nonane (C9)	3.096	6562443	48.146 ug/ml
2) T n-Decane (C10)	4.132	7280445	54.326 ug/ml
3) T A~Naphthalene (C11.7)	5.676	8530263	58.848 ug/ml
4) T n-Dodecane (C12)	6.120	7861422	55.220 ug/ml
5) T A~2-methylnaphthalene...	6.720	8565952	61.469 ug/ml
6) T n-Tetradecane (C14)	7.896	8074575	56.685 ug/ml
7) T n-Hexadecane (C16)	9.481	8201650	56.439 ug/ml
8) T n-Octadecane (C18)	10.912	8546583	57.025 ug/ml
10) T n-Eicosane (C20)	12.210	8164519	53.341 ug/ml
11) T n-Heneicosane (C21)	12.818	8072447	52.362 ug/ml
13) T n-Docosane (C22)	13.400	7921550	51.391 ug/ml
14) T n-Tetracosane (C24)	14.495	8345427	53.962 ug/ml
15) T n-Hexacosane (C26)	15.511	7338311	47.708 ug/ml
16) T n-Octacosane (C28)	16.453	7128474	46.624 ug/ml
17) T n-Tricontane (C30)	17.336	6678126	44.522 ug/ml
18) T n-Dotriacontane (C32)	18.162	6593974	46.634 ug/ml
19) T n-Tetratriacontane (C34)	18.941	5926943	46.056 ug/ml
20) T n-Hexatriacontane (C36)	19.677	5515773	48.743 ug/ml
21) T n-Octatriacontane (C38)	20.374	5233060	52.448 ug/ml
22) T n-Tetracontane (C40)	21.147	4882566	54.131 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB144824BSD
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ALS Vial : 56 Sample Multiplier: 1

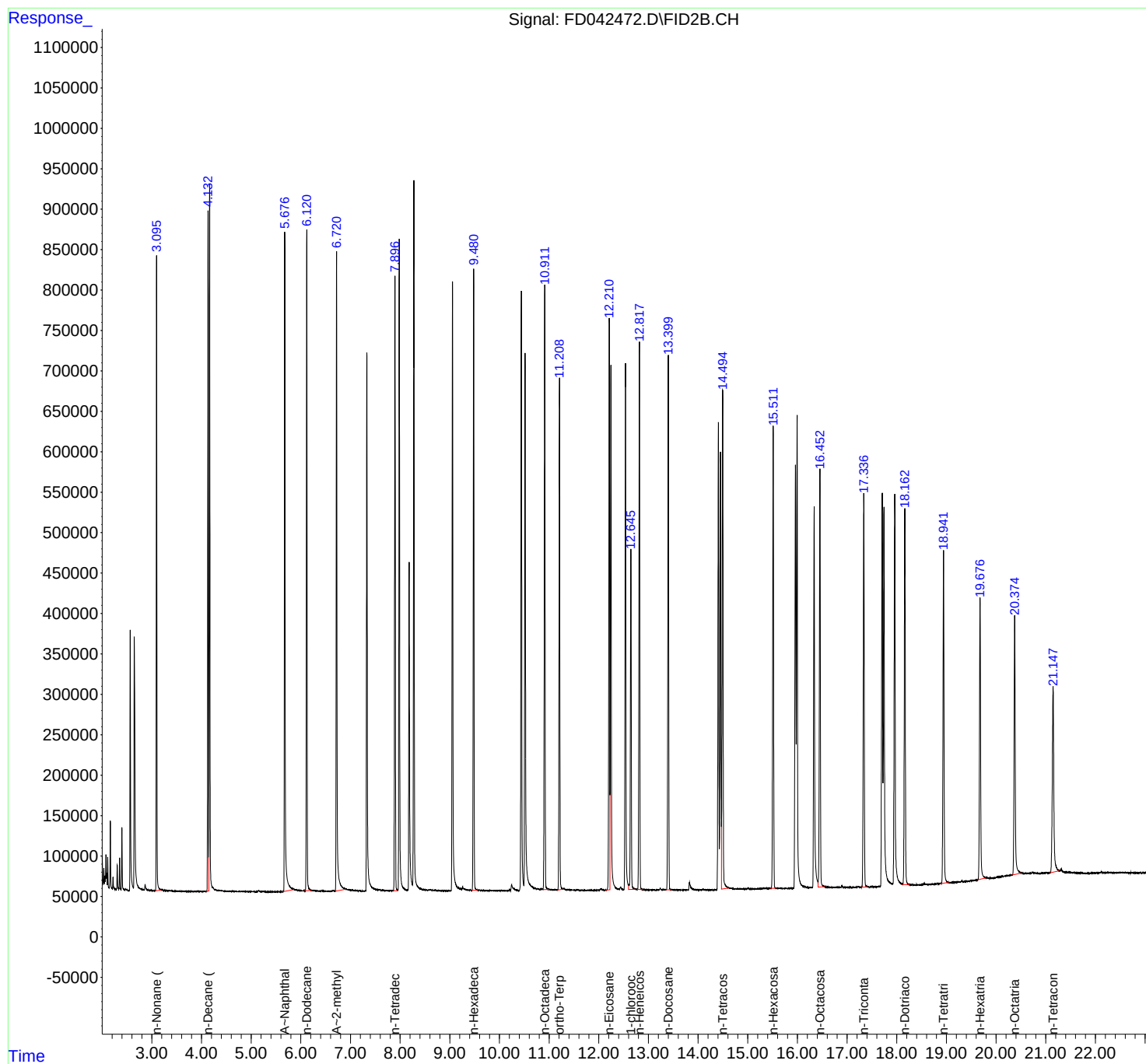
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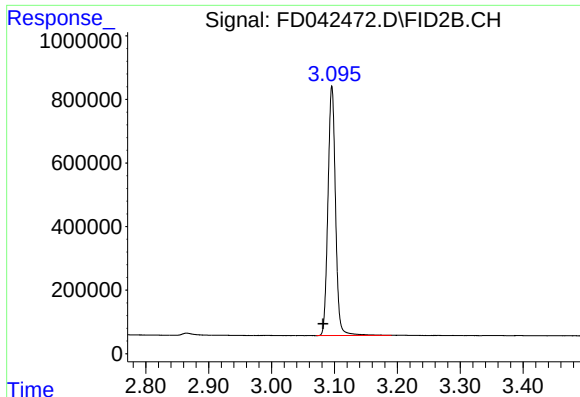
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#1 n-Nonane (C9)

R.T.: 3.096 min
Delta R.T.: 0.014 min
Response: 6562443
Conc: 48.15 ug/ml

Instrument :

FID_D

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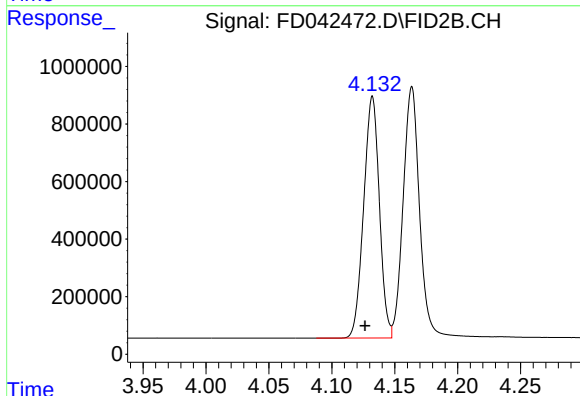
PB144824BSD

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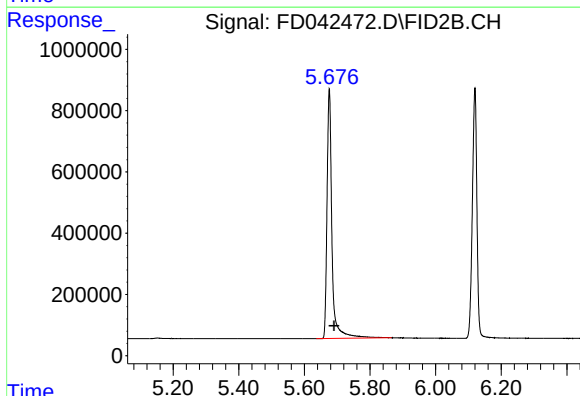
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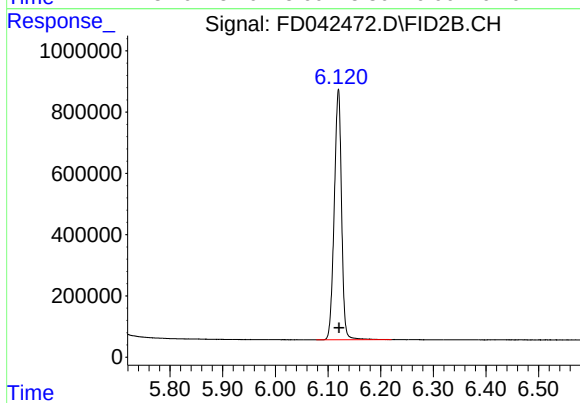
#2 n-Decane (C10)

R.T.: 4.132 min
Delta R.T.: 0.006 min
Response: 7280445
Conc: 54.33 ug/ml



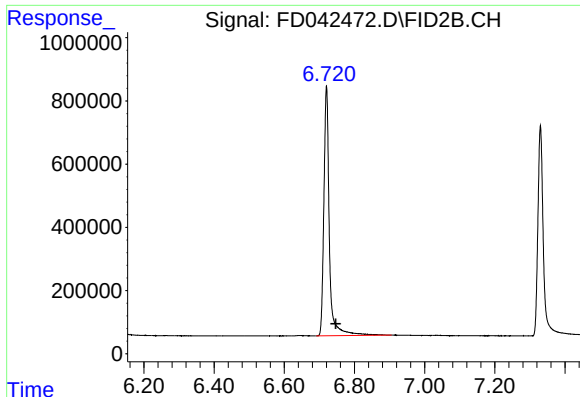
#3 A~Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.015 min
Response: 8530263
Conc: 58.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 7861422
Conc: 55.22 ug/ml



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

R.T.: 6.720 min
Delta R.T.: -0.026 min
Response: 8565952
Conc: 61.47 ug/ml

Instrument :

FID_D

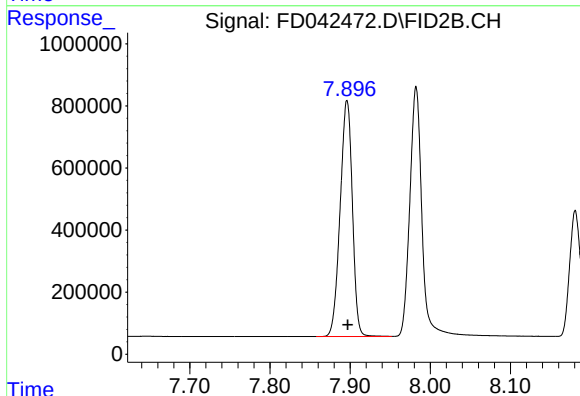
ClientSampleId :

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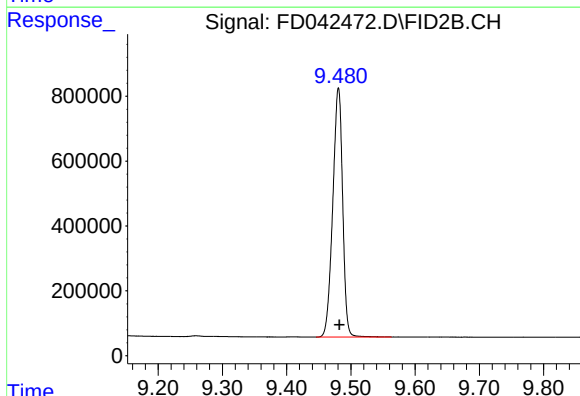
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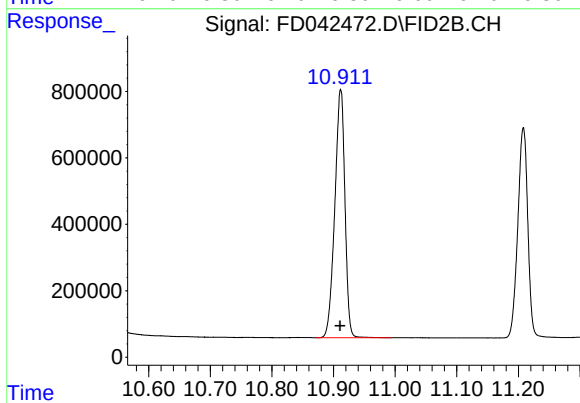
#6 n-Tetradecane (C14)

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 8074575
Conc: 56.69 ug/ml



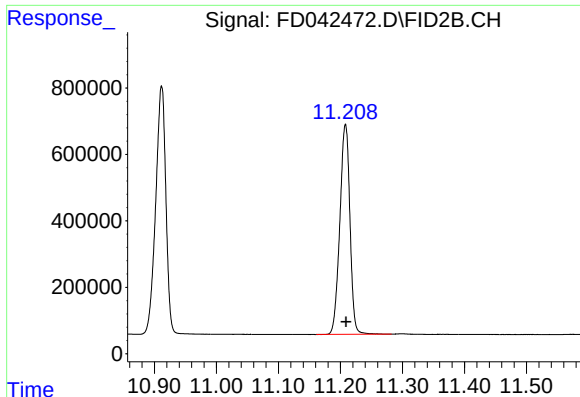
#7 n-Hexadecane (C16)

R.T.: 9.481 min
Delta R.T.: -0.001 min
Response: 8201650
Conc: 56.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.912 min
Delta R.T.: 0.001 min
Response: 8546583
Conc: 57.02 ug/ml



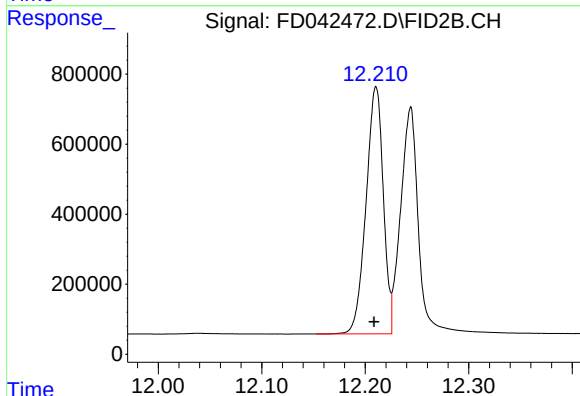
#9 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: -0.001 min
Response: 7147029
Conc: 42.62 ug/ml

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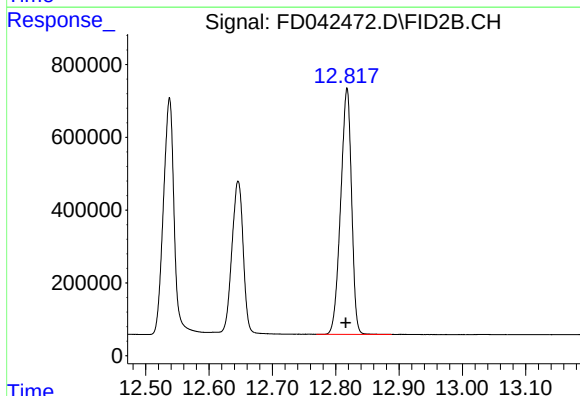
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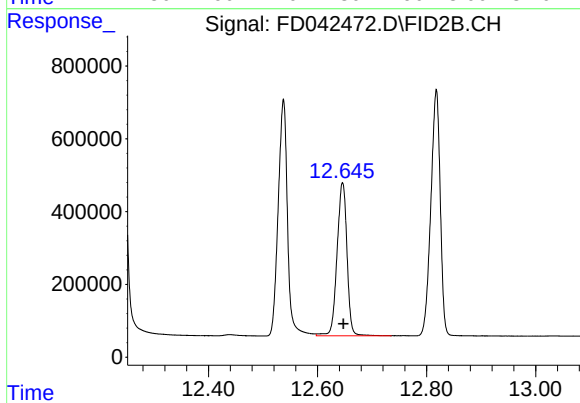
#10 n-Eicosane (C20)

R.T.: 12.210 min
Delta R.T.: 0.002 min
Response: 8164519
Conc: 53.34 ug/ml



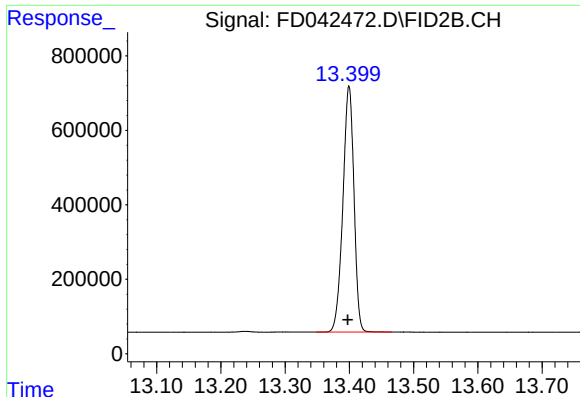
#11 n-Heneicosane (C21)

R.T.: 12.818 min
Delta R.T.: 0.002 min
Response: 8072447
Conc: 52.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.646 min
Delta R.T.: -0.002 min
Response: 5336325
Conc: 40.44 ug/ml



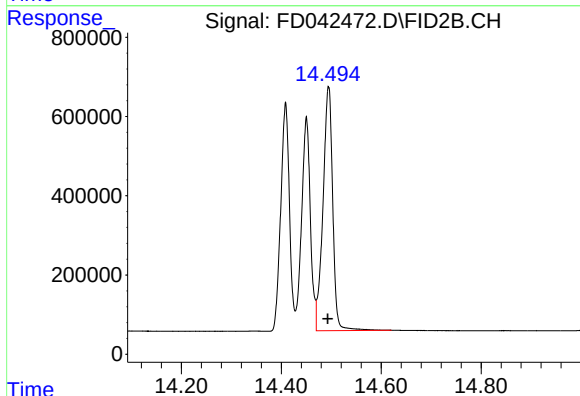
#13 n-Docosane (C22)

R.T.: 13.400 min
Delta R.T.: 0.002 min
Response: 7921550
Conc: 51.39 ug/ml

Instrument :
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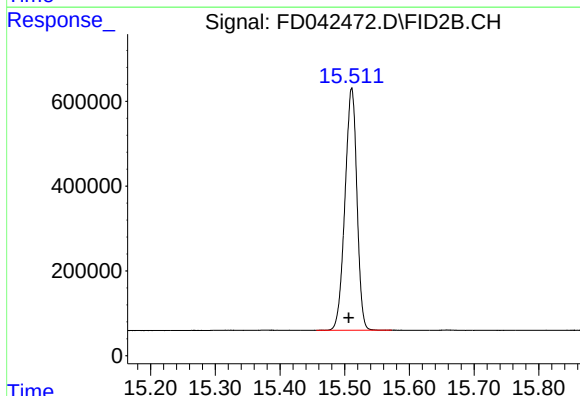
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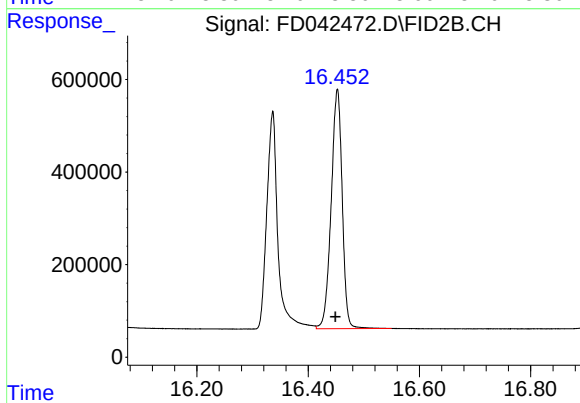
#14 n-Tetracosane (C24)

R.T.: 14.495 min
Delta R.T.: 0.002 min
Response: 8345427
Conc: 53.96 ug/ml



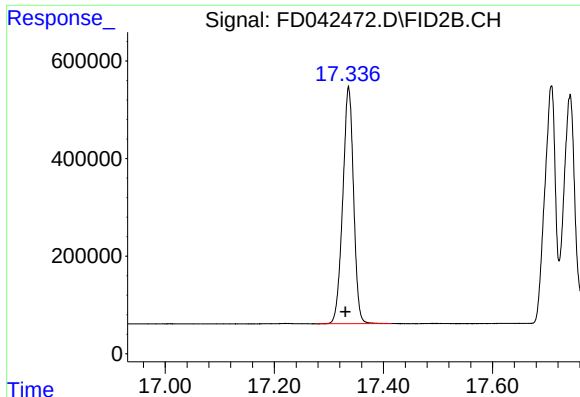
#15 n-Hexacosane (C26)

R.T.: 15.511 min
Delta R.T.: 0.005 min
Response: 7338311
Conc: 47.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.453 min
Delta R.T.: 0.004 min
Response: 7128474
Conc: 46.62 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.336 min
Delta R.T.: 0.006 min
Response: 6678126
Conc: 44.52 ug/ml

Instrument :

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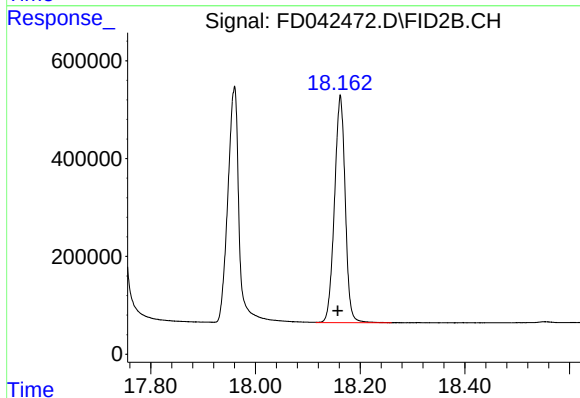
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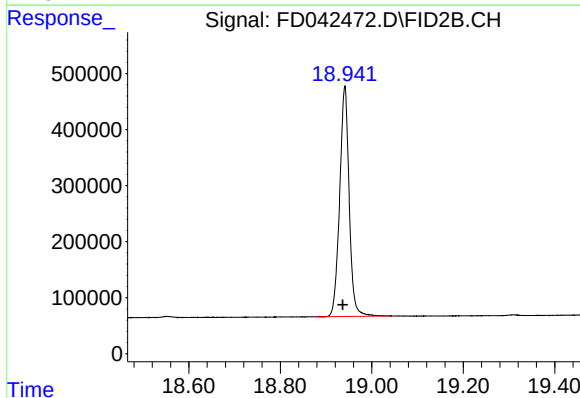
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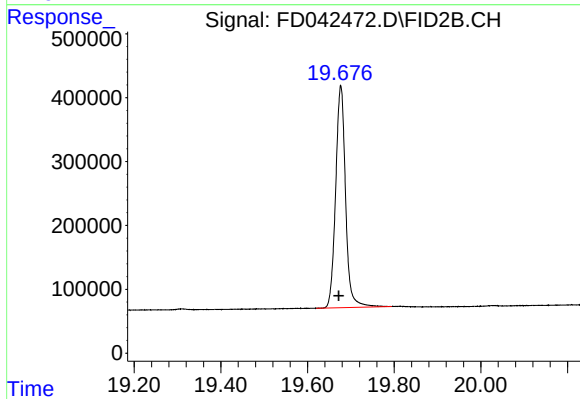
#18 n-Dotriacontane (C32)

R.T.: 18.162 min
Delta R.T.: 0.005 min
Response: 6593974
Conc: 46.63 ug/ml



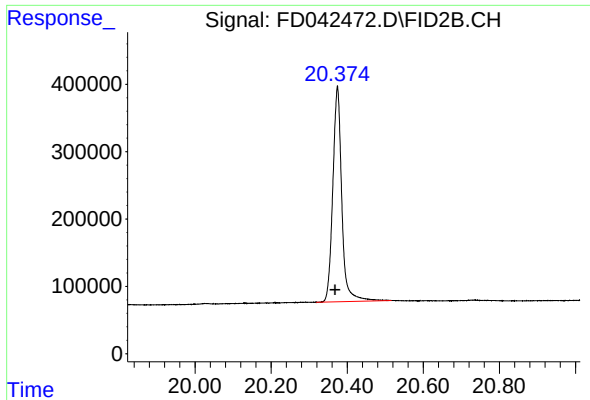
#19 n-Tetratriacontane (C34)

R.T.: 18.941 min
Delta R.T.: 0.004 min
Response: 5926943
Conc: 46.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.677 min
Delta R.T.: 0.005 min
Response: 5515773
Conc: 48.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.374 min
Delta R.T.: 0.006 min
Response: 5233060
Conc: 52.45 ug/ml

Instrument :

FID_D

ClientSampleId :

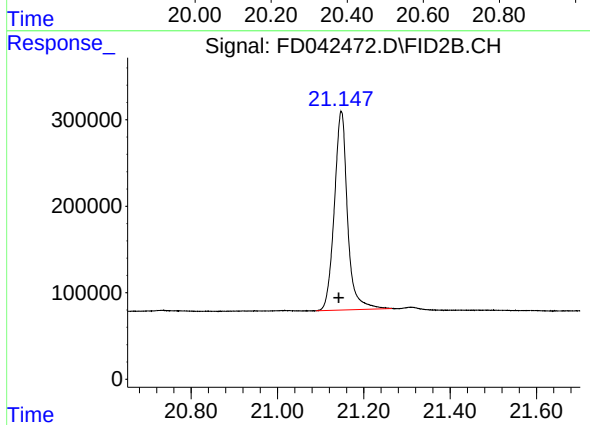
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#22 n-Tetracontane (C40)

R.T.: 21.147 min
Delta R.T.: 0.005 min
Response: 4882566
Conc: 54.13 ug/ml m