

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052222AL\
 Data File : FD042613.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2022 20:52
 Operator : UA/NP
 Sample : N2982-02MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/23/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File: autoint1.e
 Quant Time: May 23 01:29:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 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)	11.205	5859522	34.967 ug/ml
Spiked Amount 50.000		Recovery =	69.93%
12) S 1-chlorooctadecane (S...	12.644	4809689	37.302 ug/ml
Spiked Amount 50.000		Recovery =	74.60%
Target Compounds			
1) T n-Nonane (C9)	3.084	4337154	28.560 ug/ml
2) T n-Decane (C10)	4.126	4904130	32.597 ug/ml
3) T A~Naphthalene (C11.7)	5.673	5889227	38.232 ug/ml
4) T n-Dodecane (C12)	6.116	5522566	35.146 ug/ml
5) T A~2-methylnaphthalene...	6.718	5996594	38.969 ug/ml
6) T n-Tetradecane (C14)	7.893	5820462	36.938 ug/ml
7) T n-Hexadecane (C16)	9.477	6254760	39.601 ug/ml
8) T n-Octadecane (C18)	10.908	6712001	42.555 ug/ml
10) T n-Eicosane (C20)	12.206	6434768	41.775 ug/ml
11) T n-Heneicosane (C21)	12.814	6335353	41.434 ug/ml
13) T n-Docosane (C22)	13.396	6237569	41.656 ug/ml
14) T n-Tetracosane (C24)	14.493	6652982	46.123 ug/ml
15) T n-Hexacosane (C26)	15.507	5833815	41.657 ug/ml
16) T n-Octacosane (C28)	16.450	5827315	42.747 ug/ml
17) T n-Tricontane (C30)	17.334	5552092	41.703 ug/ml
18) T n-Dotriacontane (C32)	18.161	5464589	42.945 ug/ml
19) T n-Tetratriacontane (C34)	18.940	5236020	43.384 ug/mlm
20) T n-Hexatriacontane (C36)	19.675	4838766	42.726 ug/mlm
21) T n-Octatriacontane (C38)	20.372	4536960	42.014 ug/mlm
22) T n-Tetracontane (C40)	21.145	4273430	40.060 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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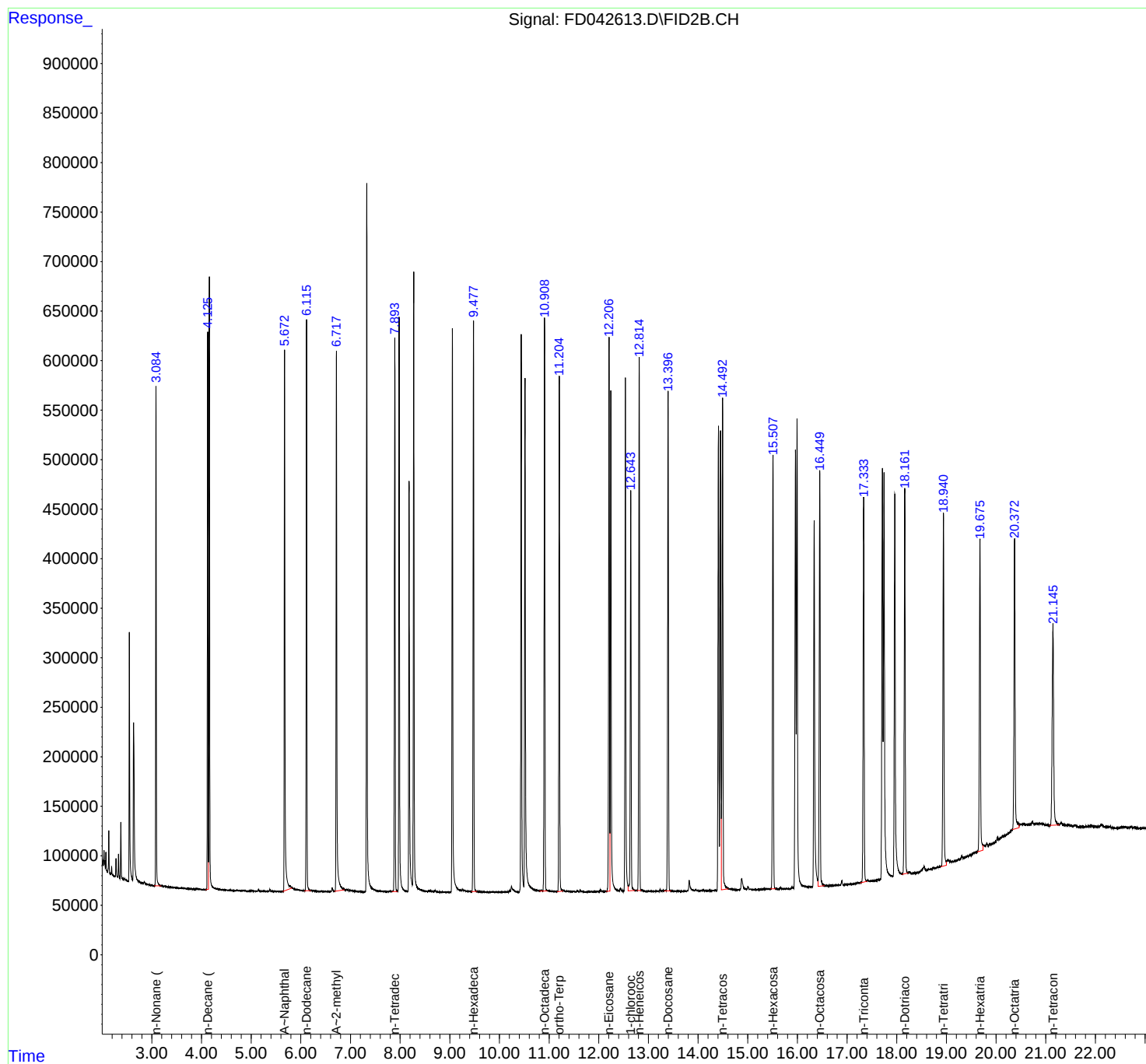
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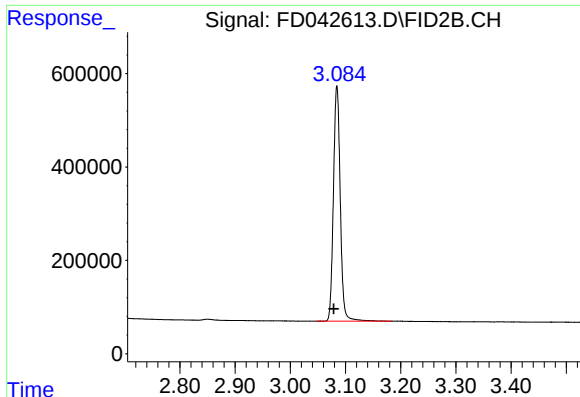
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#1 n-Nonane (C9)

R.T.: 3.084 min
Delta R.T.: 0.005 min
Response: 4337154
Conc: 28.56 ug/ml

Instrument :

FID_D

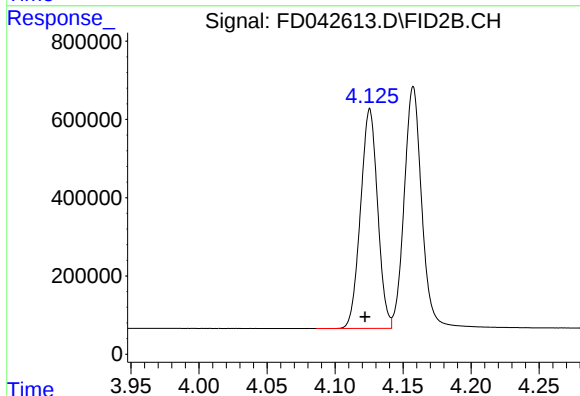
ClientSampleId :

P-2MS

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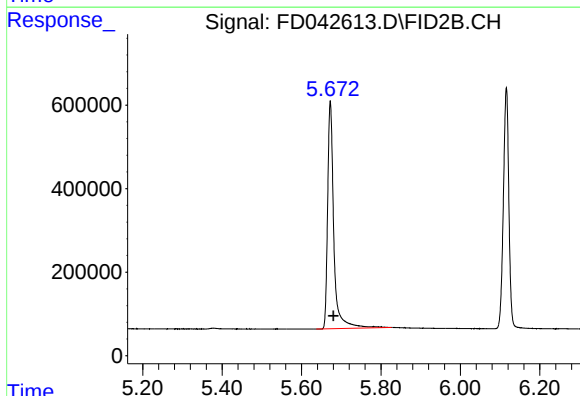
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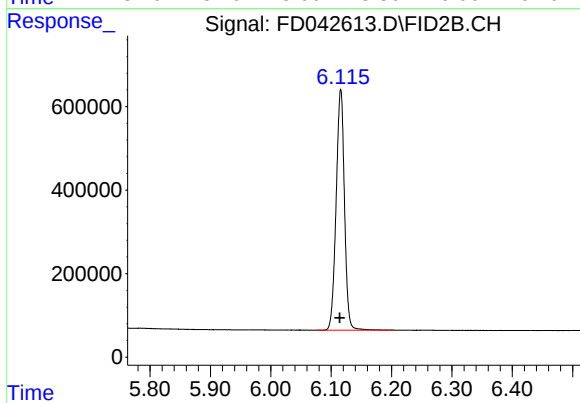
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: 0.004 min
Response: 4904130
Conc: 32.60 ug/ml



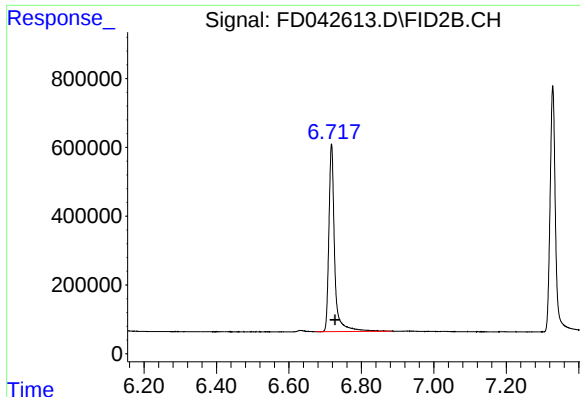
#3 A~Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.008 min
Response: 5889227
Conc: 38.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 5522566
Conc: 35.15 ug/ml



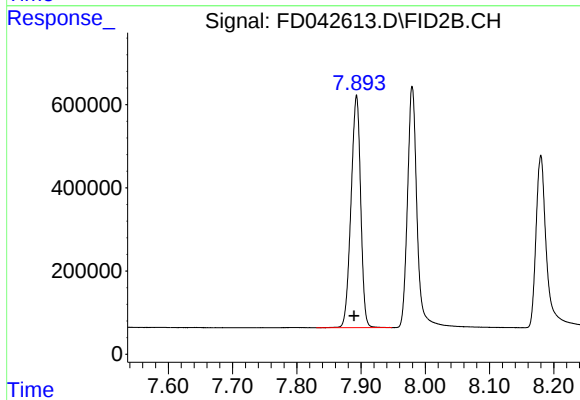
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.010 min
Response: 5996594
Conc: 38.97 ug/ml

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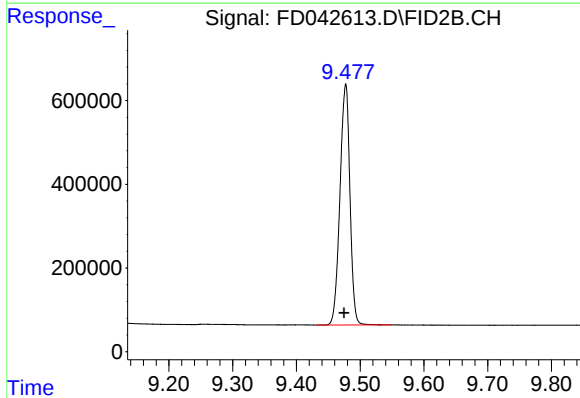
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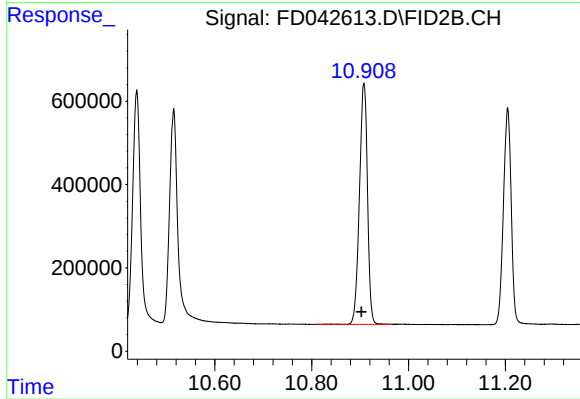
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: 0.004 min
Response: 5820462
Conc: 36.94 ug/ml



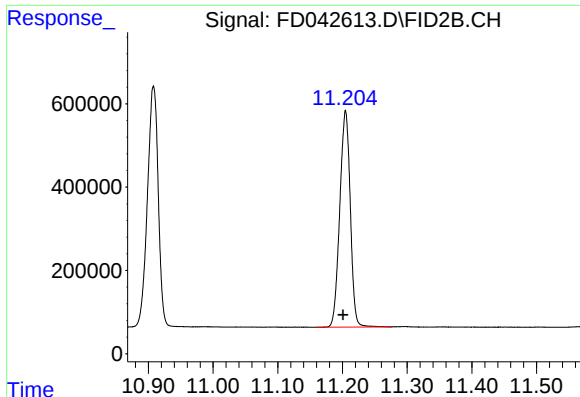
#7 n-Hexadecane (C16)

R.T.: 9.477 min
Delta R.T.: 0.003 min
Response: 6254760
Conc: 39.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.908 min
Delta R.T.: 0.005 min
Response: 6712001
Conc: 42.56 ug/ml



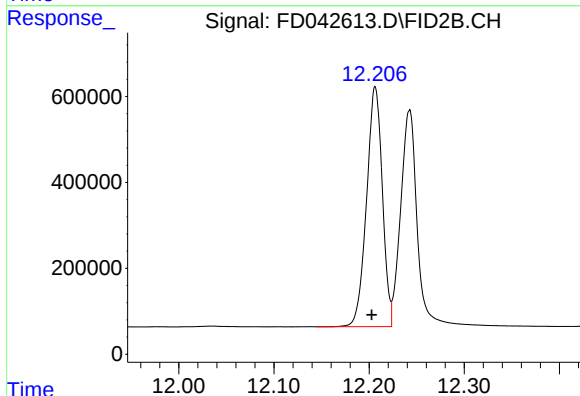
#9 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: 0.004 min
Response: 5859522
Conc: 34.97 ug/ml

Instrument :
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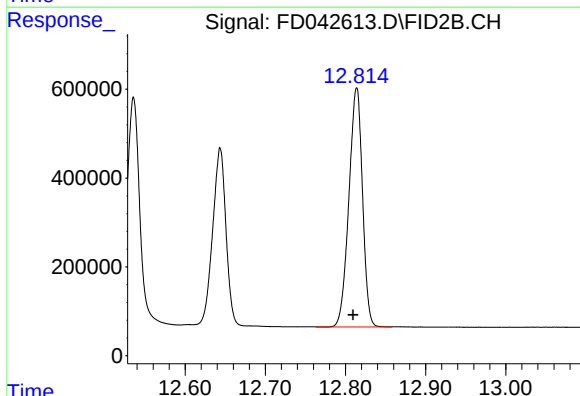
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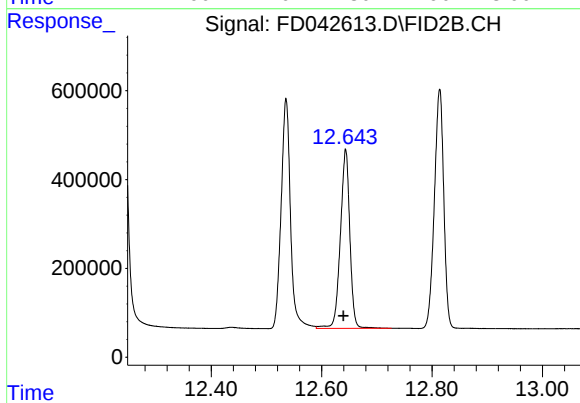
#10 n-Eicosane (C20)

R.T.: 12.206 min
Delta R.T.: 0.004 min
Response: 6434768
Conc: 41.77 ug/ml



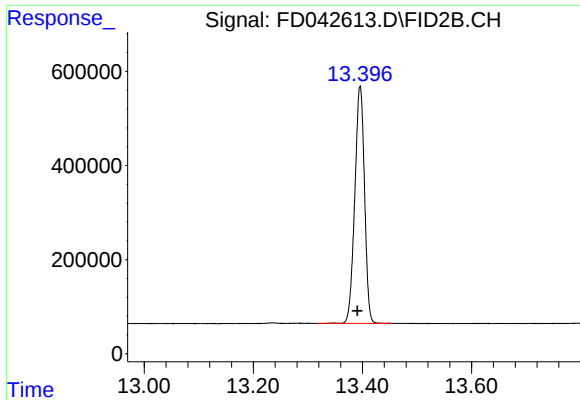
#11 n-Heneicosane (C21)

R.T.: 12.814 min
Delta R.T.: 0.005 min
Response: 6335353
Conc: 41.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.644 min
Delta R.T.: 0.004 min
Response: 4809689
Conc: 37.30 ug/ml



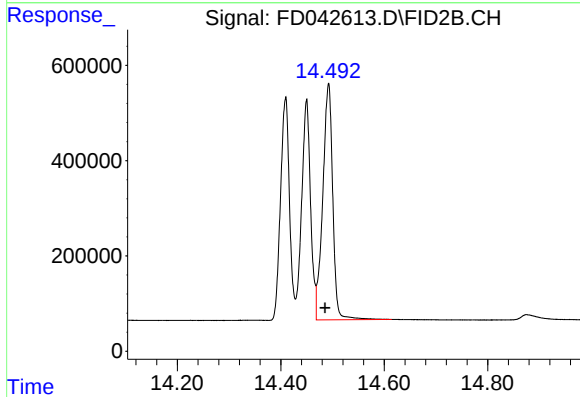
#13 n-Docosane (C22)

R.T.: 13.396 min
Delta R.T.: 0.005 min
Response: 6237569
Conc: 41.66 ug/ml

Instrument :
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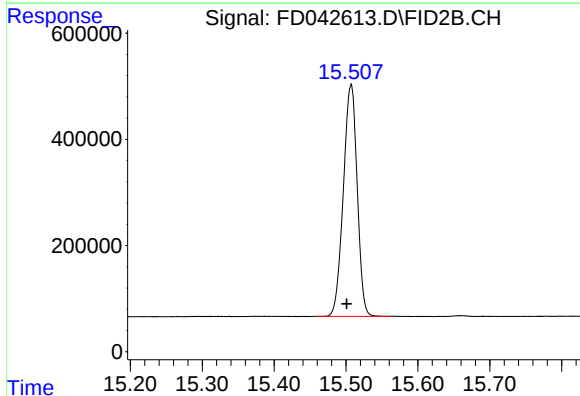
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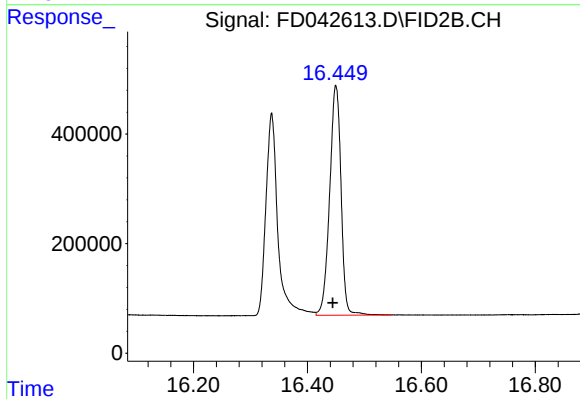
#14 n-Tetracosane (C24)

R.T.: 14.493 min
Delta R.T.: 0.007 min
Response: 6652982
Conc: 46.12 ug/ml



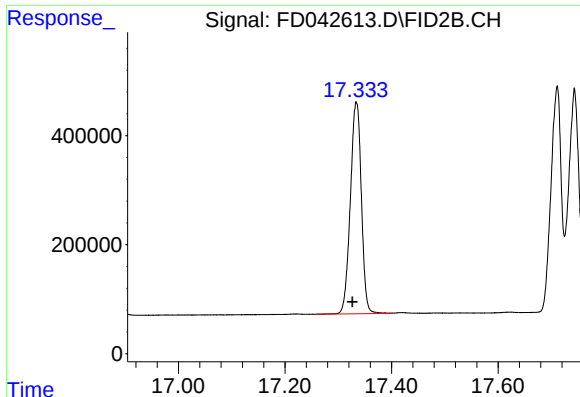
#15 n-Hexacosane (C26)

R.T.: 15.507 min
Delta R.T.: 0.006 min
Response: 5833815
Conc: 41.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.450 min
Delta R.T.: 0.006 min
Response: 5827315
Conc: 42.75 ug/ml



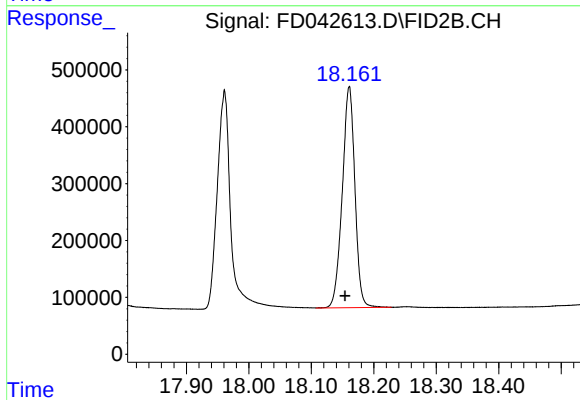
#17 n-Tricontane (C30)

R.T.: 17.334 min
Delta R.T.: 0.008 min
Response: 5552092
Conc: 41.70 ug/ml

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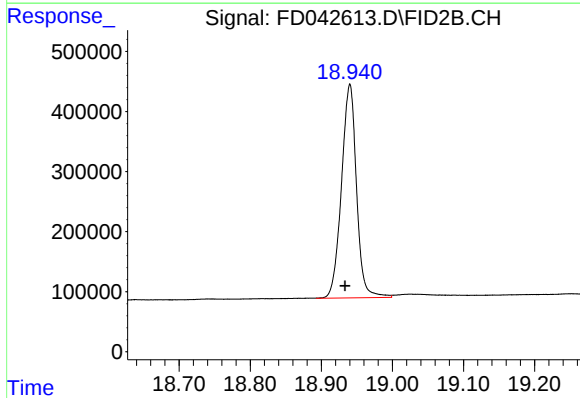
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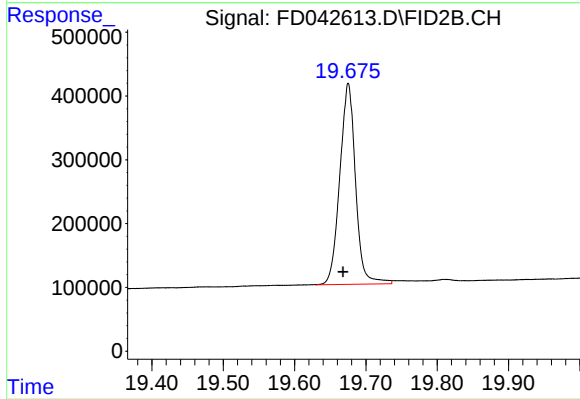
#18 n-Dotriacontane (C32)

R.T.: 18.161 min
Delta R.T.: 0.007 min
Response: 5464589
Conc: 42.94 ug/ml



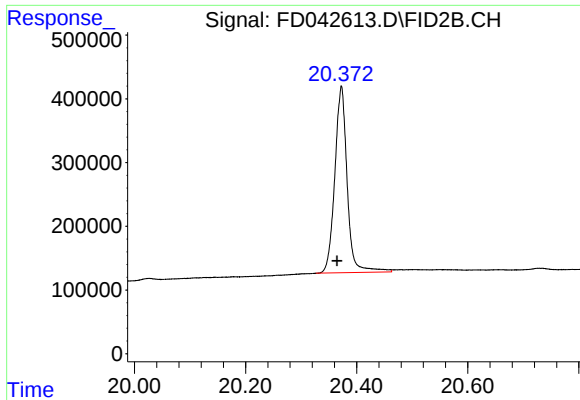
#19 n-Tetratriacontane (C34)

R.T.: 18.940 min
Delta R.T.: 0.007 min
Response: 5236020
Conc: 43.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.675 min
Delta R.T.: 0.007 min
Response: 4838766
Conc: 42.73 ug/ml m



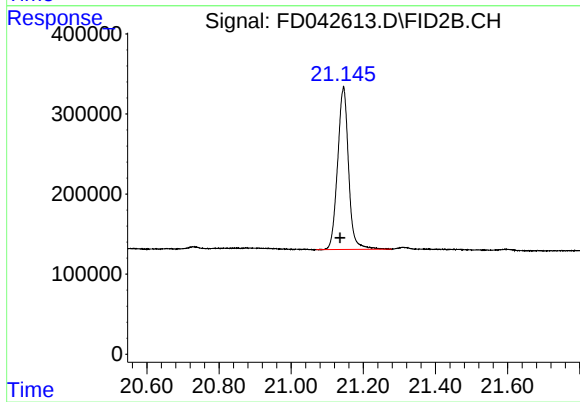
#21 n-Octatriacontane (C38)

R.T.: 20.372 min
Delta R.T.: 0.007 min
Response: 4536960
Conc: 42.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.145 min
Delta R.T.: 0.010 min
Response: 4273430
Conc: 40.06 ug/ml