

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052222AL\
 Data File : FD042608.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2022 17:18
 Operator : UA/NP
 Sample : PB144996BSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144996BSD

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 01:28:21 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)	11.207	7930793	47.327 ug/ml
Spiked Amount 50.000		Recovery =	94.65%
12) S 1-chlorooctadecane (S...	12.645	6430354	49.871 ug/ml
Spiked Amount 50.000		Recovery =	99.74%
Target Compounds			
1) T n-Nonane (C9)	3.089	5116735	33.693 ug/ml
2) T n-Decane (C10)	4.128	5301788	35.240 ug/ml
3) T A~Naphthalene (C11.7)	5.674	6286164	40.809 ug/ml
4) T n-Dodecane (C12)	6.117	5919810	37.674 ug/ml
5) T A~2-methylnaphthalene...	6.719	6535823	42.473 ug/ml
6) T n-Tetradecane (C14)	7.893	6604248	41.912 ug/ml
7) T n-Hexadecane (C16)	9.479	7186482	45.500 ug/ml
8) T n-Octadecane (C18)	10.909	7701591	48.830 ug/ml
10) T n-Eicosane (C20)	12.209	7393554	47.999 ug/ml
11) T n-Heneicosane (C21)	12.815	7274616	47.577 ug/ml
13) T n-Docosane (C22)	13.398	7134455	47.646 ug/ml
14) T n-Tetracosane (C24)	14.493	7552871	52.362 ug/ml
15) T n-Hexacosane (C26)	15.511	6678285	47.687 ug/ml
16) T n-Octacosane (C28)	16.451	6611245	48.498 ug/ml
17) T n-Tricontane (C30)	17.337	6351389	47.706 ug/ml
18) T n-Dotriacontane (C32)	18.161	6303726	49.540 ug/ml
19) T n-Tetratriacontane (C34)	18.941	5929166	49.127 ug/mlm
20) T n-Hexatriacontane (C36)	19.677	5477708	48.368 ug/mlm
21) T n-Octatriacontane (C38)	20.374	5181482	47.983 ug/mlm
22) T n-Tetracontane (C40)	21.145	4856719	45.528 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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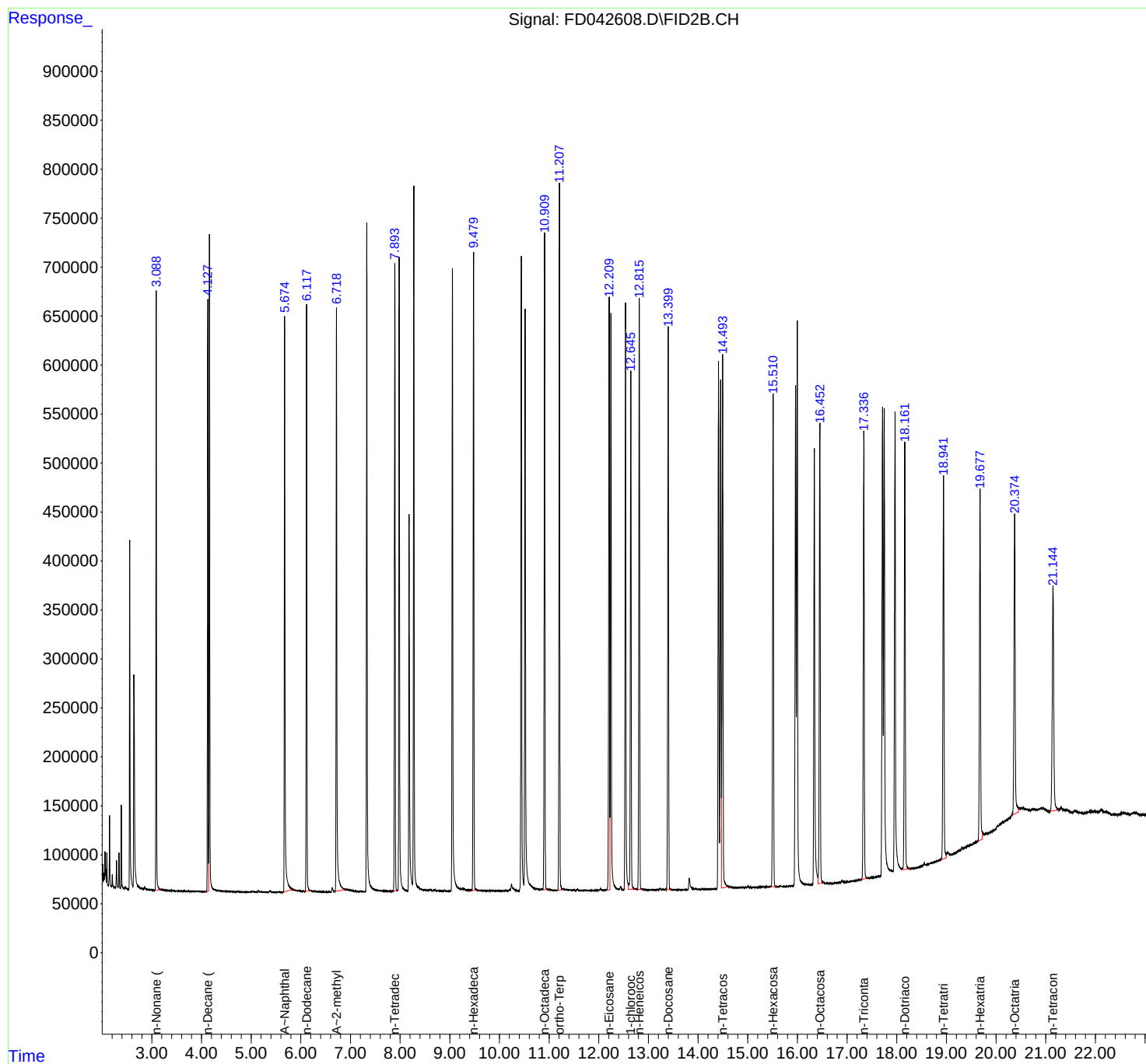
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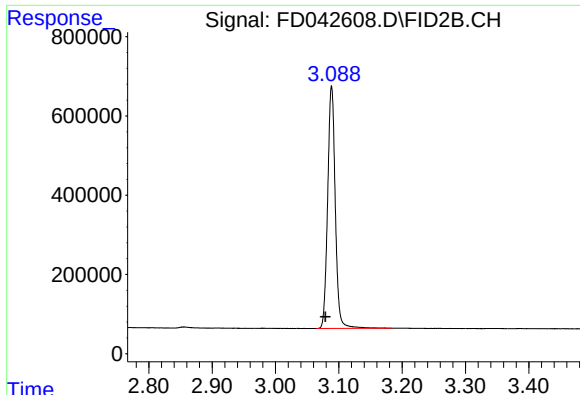
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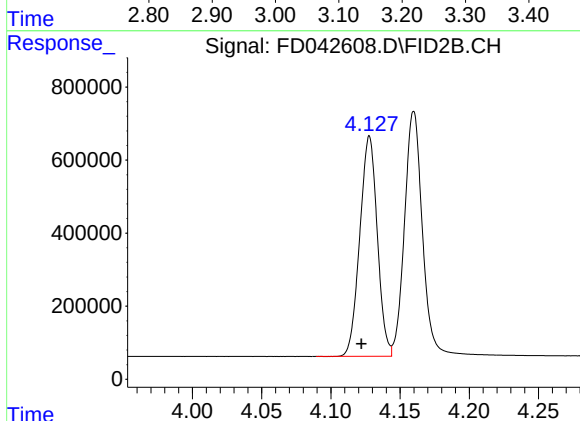
#1 n-Nonane (C9)

R.T.: 3.089 min
Delta R.T.: 0.010 min
Response: 5116735
Conc: 33.69 ug/ml

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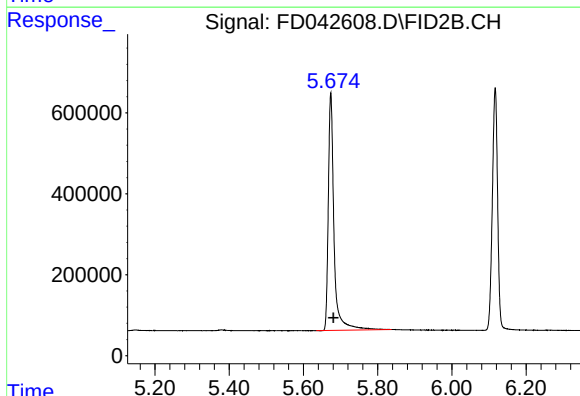
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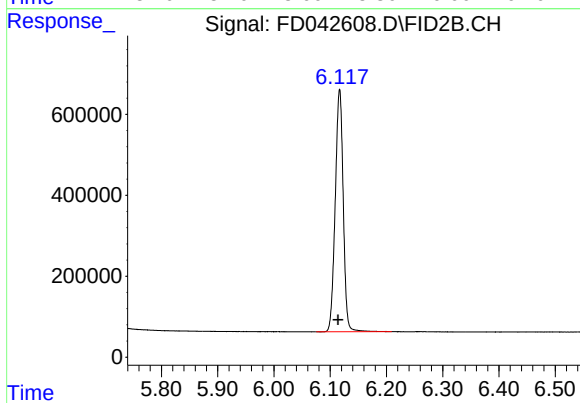
#2 n-Decane (C10)

R.T.: 4.128 min
Delta R.T.: 0.006 min
Response: 5301788
Conc: 35.24 ug/ml



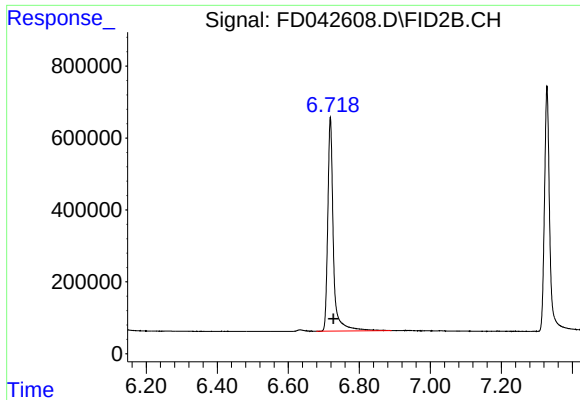
#3 A~Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.007 min
Response: 6286164
Conc: 40.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 5919810
Conc: 37.67 ug/ml



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

R.T.: 6.719 min
Delta R.T.: -0.009 min
Response: 6535823
Conc: 42.47 ug/ml

Instrument :

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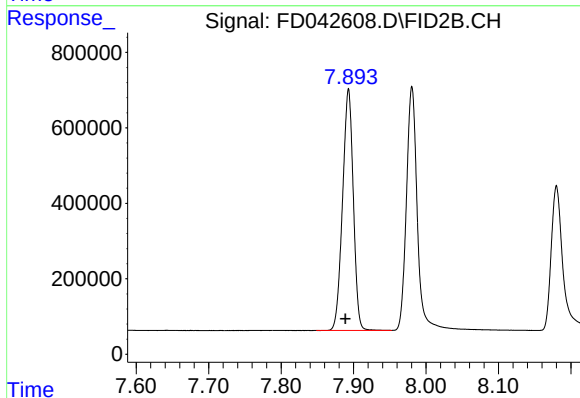
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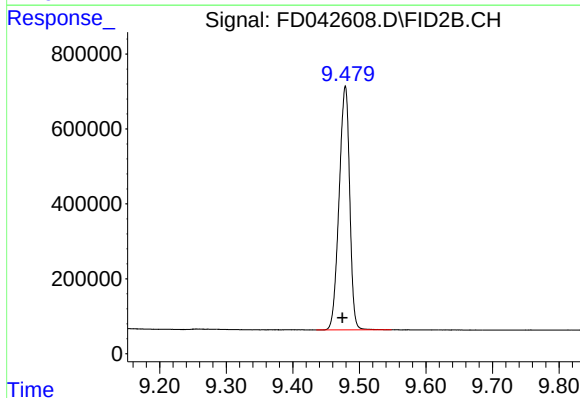
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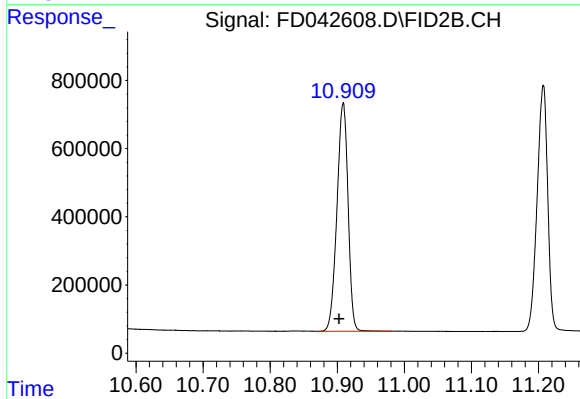
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: 0.004 min
Response: 6604248
Conc: 41.91 ug/ml



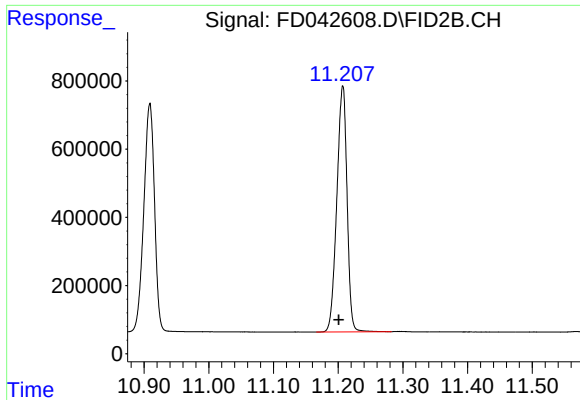
#7 n-Hexadecane (C16)

R.T.: 9.479 min
Delta R.T.: 0.005 min
Response: 7186482
Conc: 45.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.909 min
Delta R.T.: 0.006 min
Response: 7701591
Conc: 48.83 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.006 min
Response: 7930793
Conc: 47.33 ug/ml

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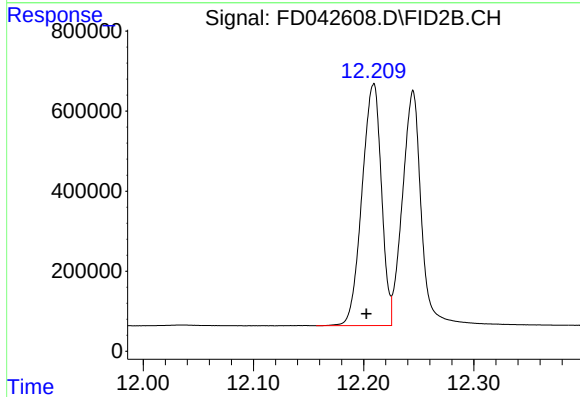
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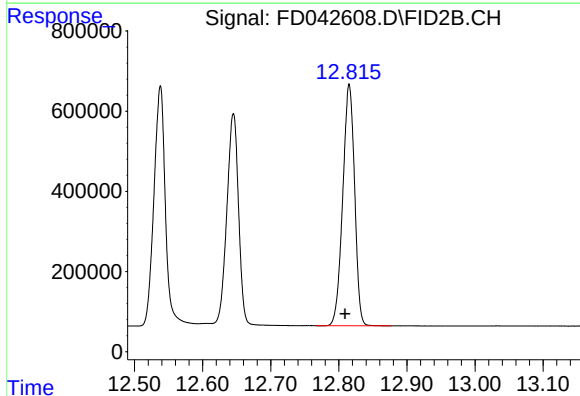
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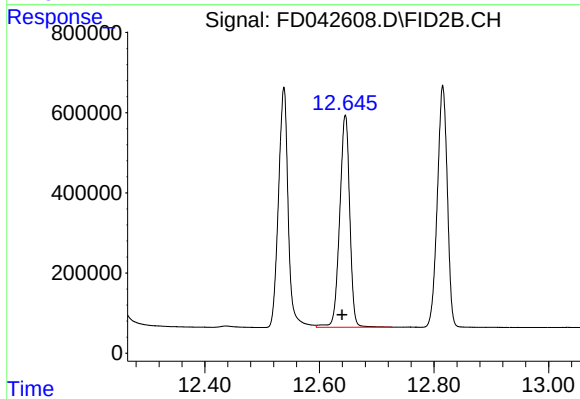
#10 n-Eicosane (C20)

R.T.: 12.209 min
Delta R.T.: 0.006 min
Response: 7393554
Conc: 48.00 ug/ml



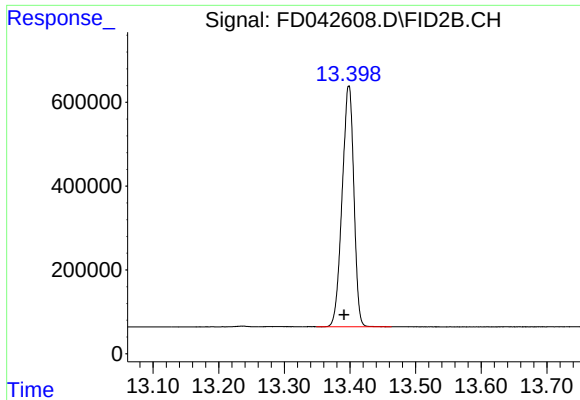
#11 n-Heneicosane (C21)

R.T.: 12.815 min
Delta R.T.: 0.006 min
Response: 7274616
Conc: 47.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.645 min
Delta R.T.: 0.006 min
Response: 6430354
Conc: 49.87 ug/ml



#13 n-Docosane (C22)

R.T.: 13.398 min
Delta R.T.: 0.007 min
Response: 7134455
Conc: 47.65 ug/ml

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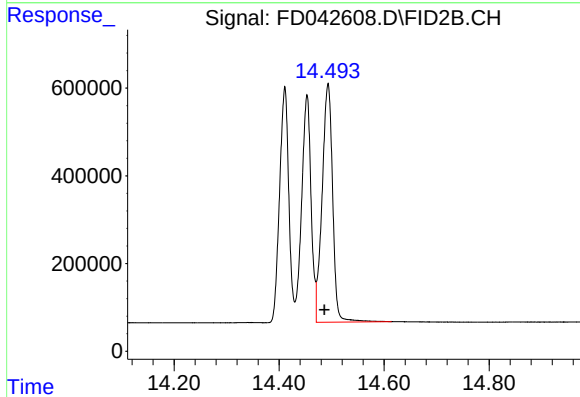
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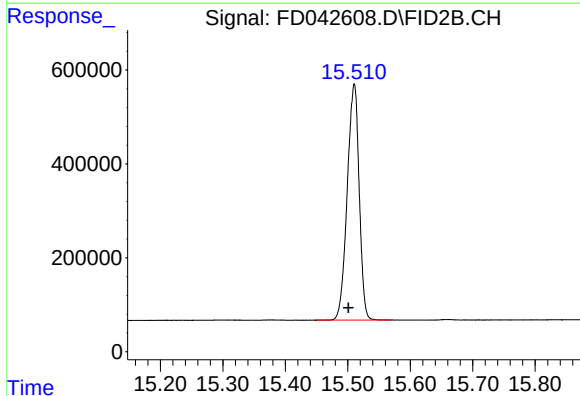
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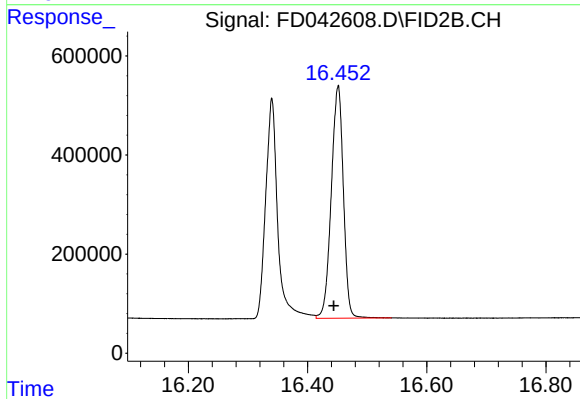
#14 n-Tetracosane (C24)

R.T.: 14.493 min
Delta R.T.: 0.007 min
Response: 7552871
Conc: 52.36 ug/ml



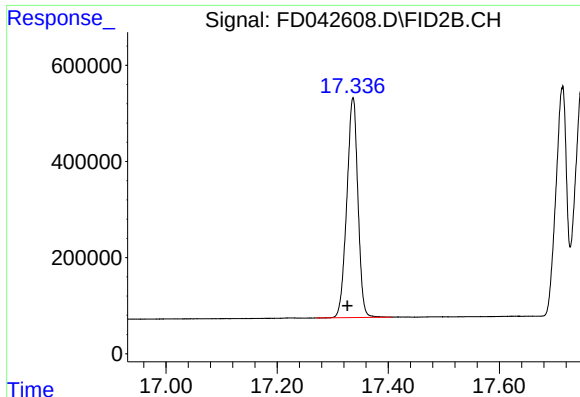
#15 n-Hexacosane (C26)

R.T.: 15.511 min
Delta R.T.: 0.010 min
Response: 6678285
Conc: 47.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.451 min
Delta R.T.: 0.007 min
Response: 6611245
Conc: 48.50 ug/ml



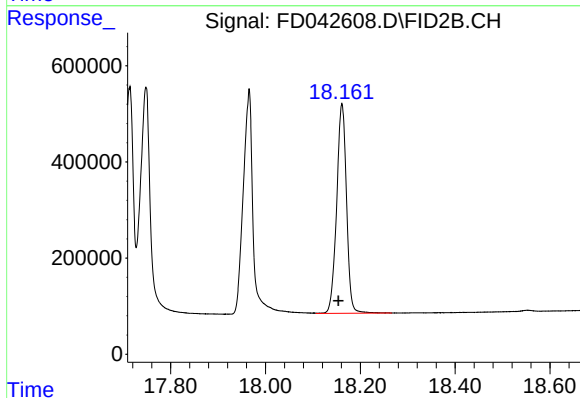
#17 n-Tricontane (C30)

R.T.: 17.337 min
Delta R.T.: 0.010 min
Response: 6351389
Conc: 47.71 ug/ml

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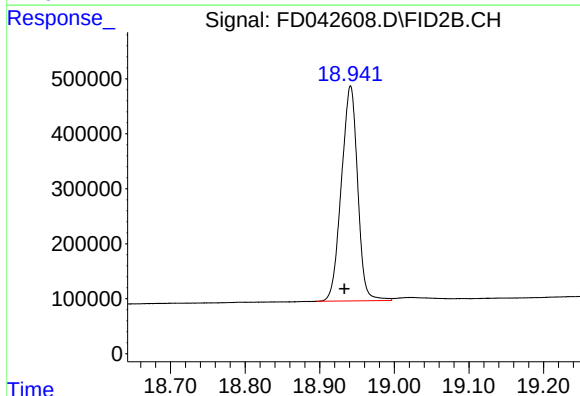
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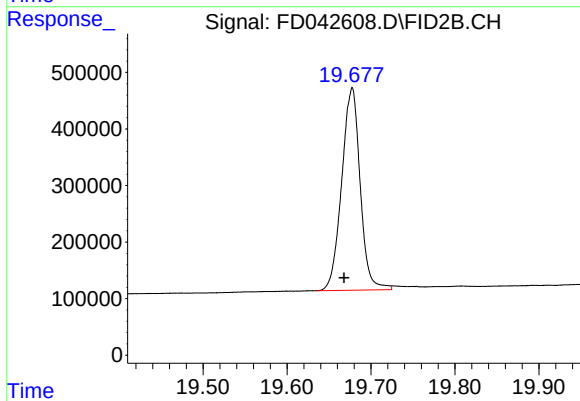
#18 n-Dotriacontane (C32)

R.T.: 18.161 min
Delta R.T.: 0.007 min
Response: 6303726
Conc: 49.54 ug/ml



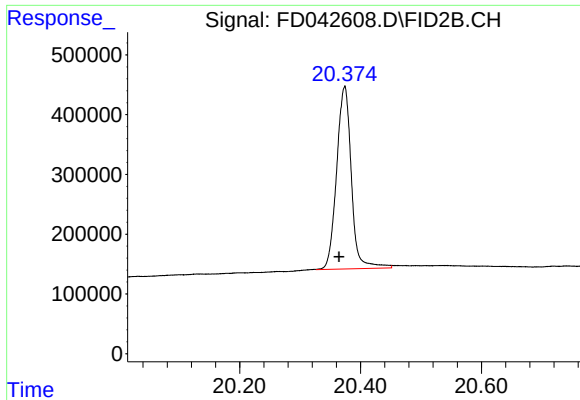
#19 n-Tetratriacontane (C34)

R.T.: 18.941 min
Delta R.T.: 0.008 min
Response: 5929166
Conc: 49.13 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.677 min
Delta R.T.: 0.009 min
Response: 5477708
Conc: 48.37 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.374 min
Delta R.T.: 0.009 min
Response: 5181482
Conc: 47.98 ug/ml

Instrument :

FID_D

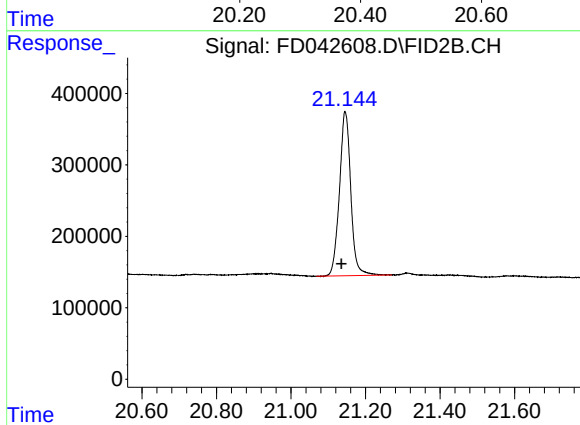
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#22 n-Tetracontane (C40)

R.T.: 21.145 min
Delta R.T.: 0.010 min
Response: 4856719
Conc: 45.53 ug/ml