

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051022AL\
 Data File : FD042411.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2022 8:09
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/11/2022
 Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E
 Quant Time: May 11 08:30:57 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	3018451	17.998 ug/ml
Spiked Amount 50.000		Recovery =	36.00%
12) S 1-chlorooctadecane (S...	12.646	2334656	17.692 ug/ml
Spiked Amount 50.000		Recovery =	35.38%
Target Compounds			
1) T n-Nonane (C9)	3.082	2813744	20.643 ug/ml
2) T n-Decane (C10)	4.127	2809628	20.965 ug/ml
3) T A~Naphthalene (C11.7)	5.677	2910667	20.080 ug/ml
4) T n-Dodecane (C12)	6.120	2904539	20.402 ug/ml
5) T A~2-methylnaphthalene...	6.722	2907996	20.868 ug/ml
6) T n-Tetradecane (C14)	7.895	2904178	20.388 ug/ml
7) T n-Hexadecane (C16)	9.480	2890761	19.893 ug/ml
8) T n-Octadecane (C18)	10.911	2882975	19.236 ug/ml
10) T n-Eicosane (C20)	12.209	2835078	18.522 ug/ml
11) T n-Heneicosane (C21)	12.817	2753111	17.858 ug/ml
13) T n-Docosane (C22)	13.399	2949835	19.137 ug/ml
14) T n-Tetracosane (C24)	14.495	3194292	20.654 ug/ml
15) T n-Hexacosane (C26)	15.509	3404702	22.135 ug/ml
16) T n-Octacosane (C28)	16.453	3631123	23.750 ug/ml
17) T n-Tricontane (C30)	17.335	3708990	24.727 ug/mlm
18) T n-Dotriacontane (C32)	18.163	3424529	24.219 ug/ml
19) T n-Tetratriacontane (C34)	18.940	2931589	22.780 ug/mlm
20) T n-Hexatriacontane (C36)	19.677	2445529	21.611 ug/ml
21) T n-Octatriacontane (C38)	20.373	2349165	23.544 ug/mlm
22) T n-Tetracontane (C40)	21.145	2162141	23.971 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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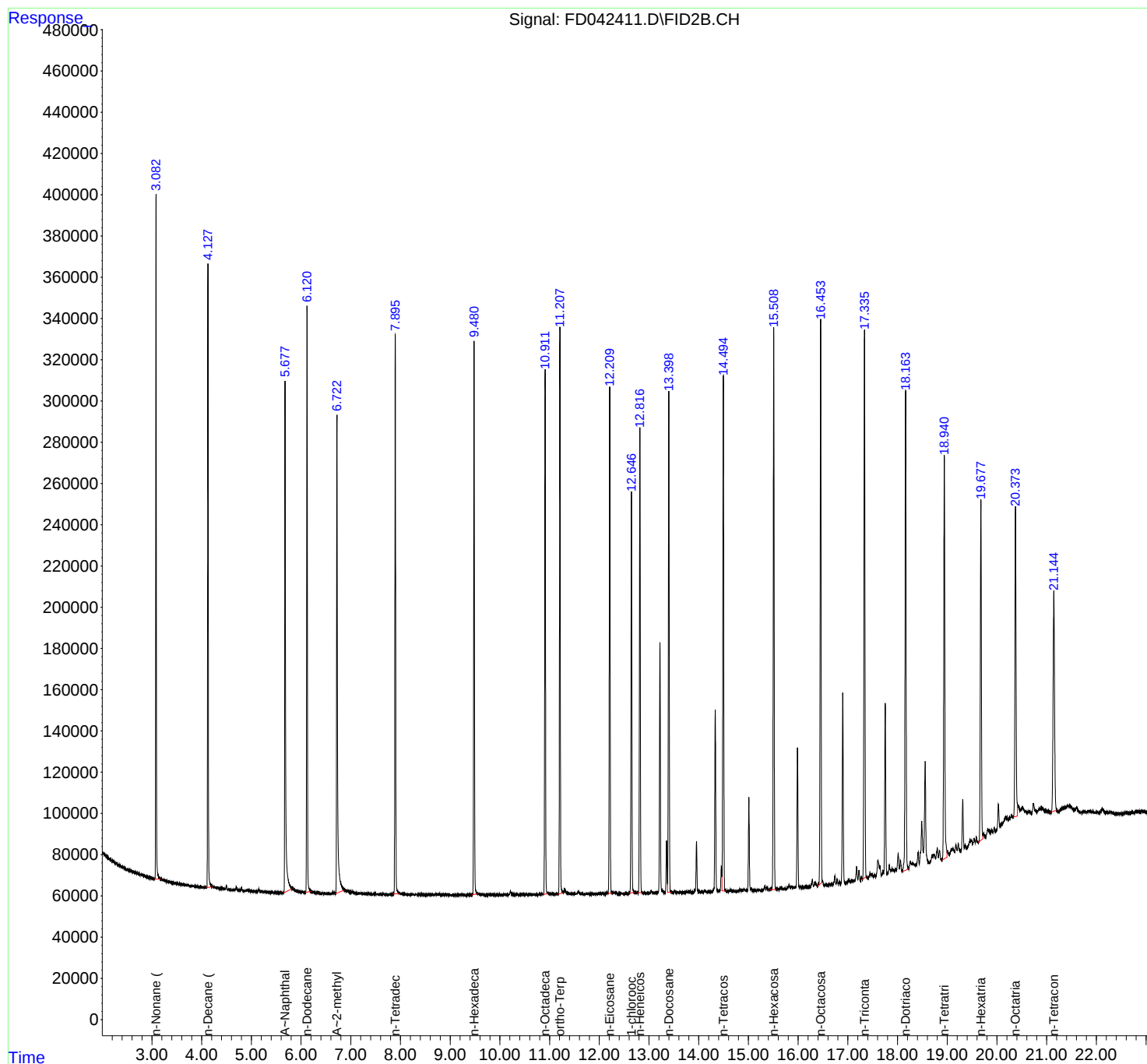
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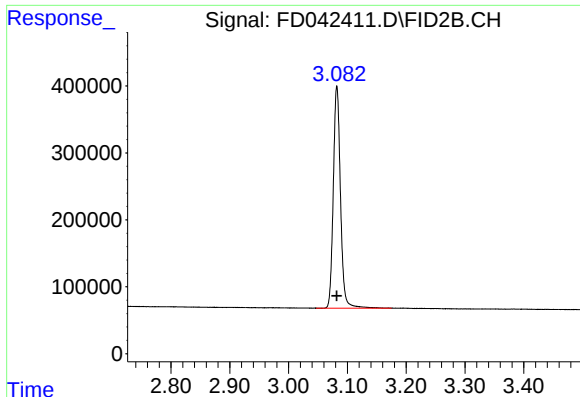
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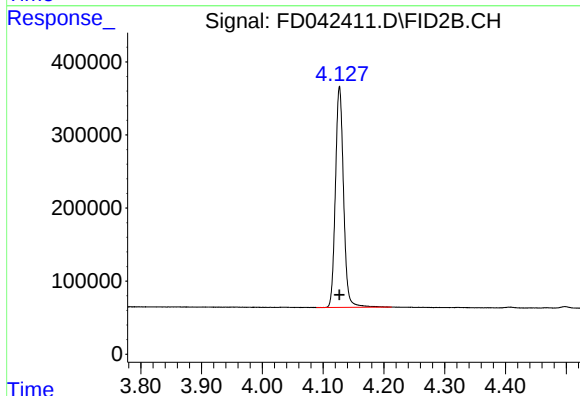
#1 n-Nonane (C9)

R.T.: 3.082 min
Delta R.T.: 0.000 min
Response: 2813744
Conc: 20.64 ug/ml

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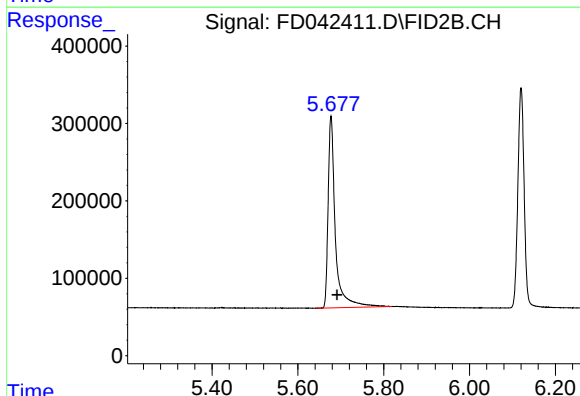
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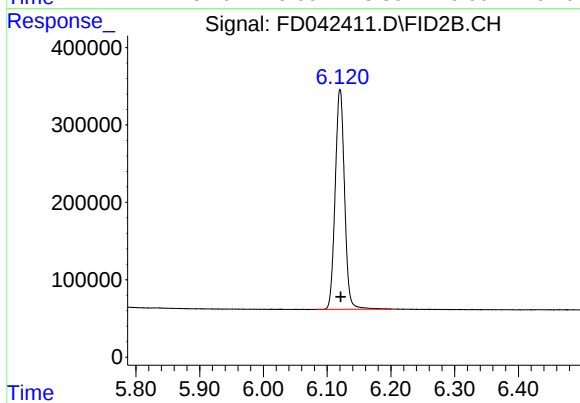
#2 n-Decane (C10)

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 2809628
Conc: 20.97 ug/ml



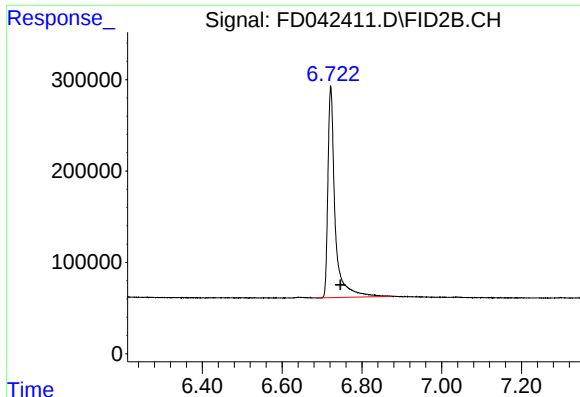
#3 A~Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.014 min
Response: 2910667
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 2904539
Conc: 20.40 ug/ml



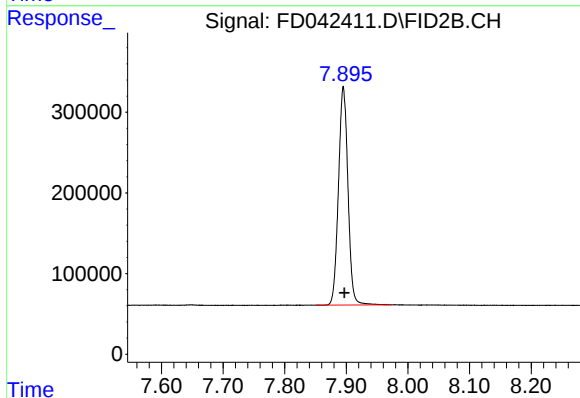
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.024 min
Response: 2907996
Conc: 20.87 ug/ml

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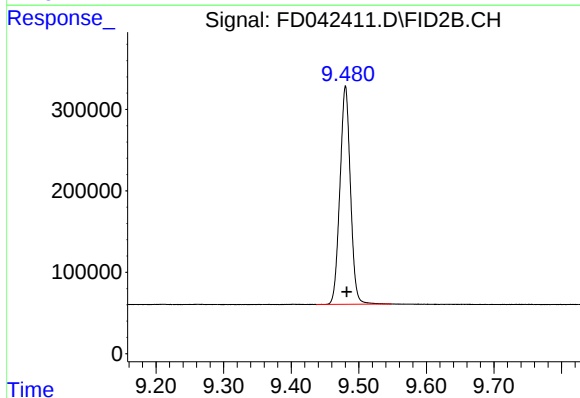
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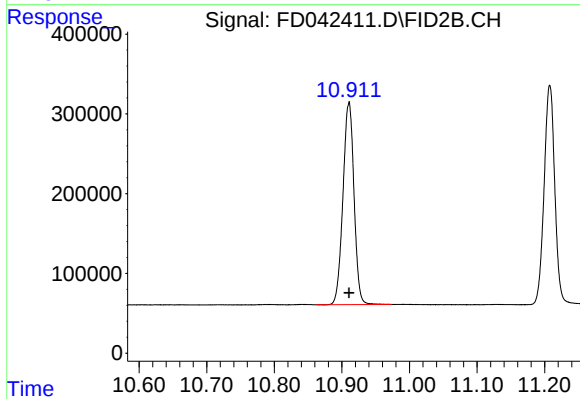
#6 n-Tetradecane (C14)

R.T.: 7.895 min
Delta R.T.: -0.002 min
Response: 2904178
Conc: 20.39 ug/ml



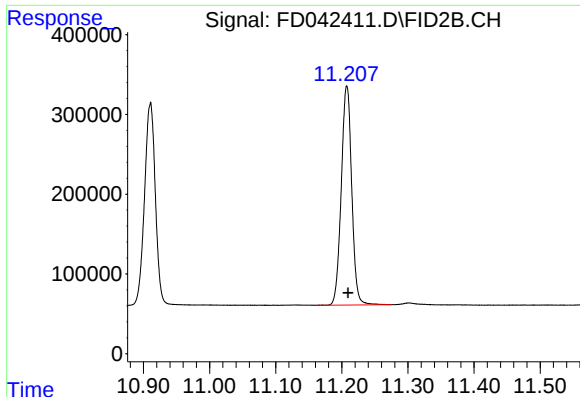
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 2890761
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.911 min
Delta R.T.: 0.000 min
Response: 2882975
Conc: 19.24 ug/ml



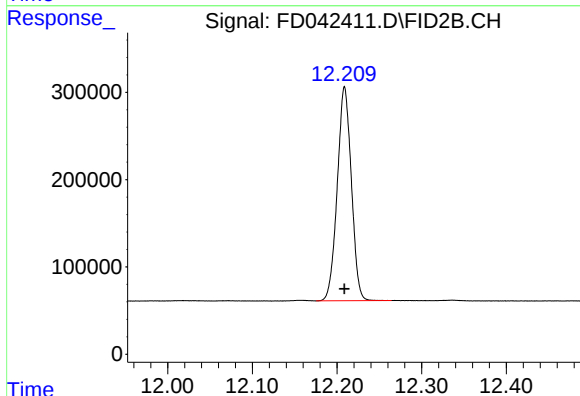
#9 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: -0.002 min
Response: 3018451
Conc: 18.00 ug/ml

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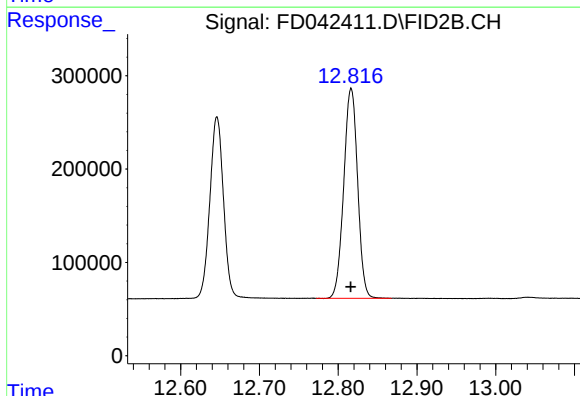
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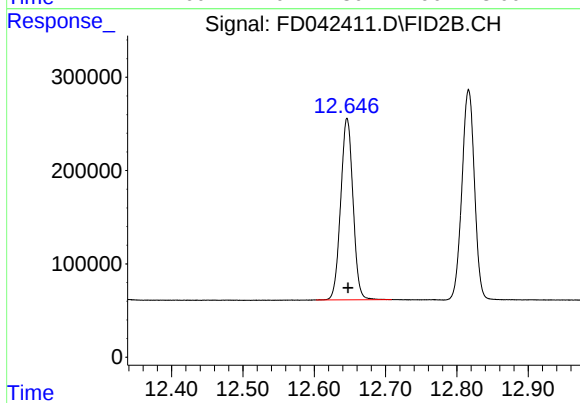
#10 n-Eicosane (C20)

R.T.: 12.209 min
Delta R.T.: 0.000 min
Response: 2835078
Conc: 18.52 ug/ml



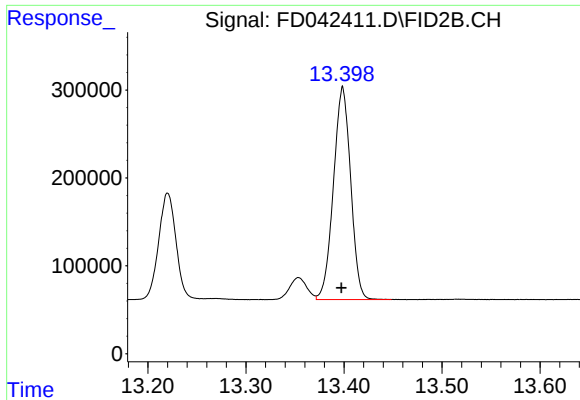
#11 n-Heneicosane (C21)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 2753111
Conc: 17.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.646 min
Delta R.T.: -0.001 min
Response: 2334656
Conc: 17.69 ug/ml



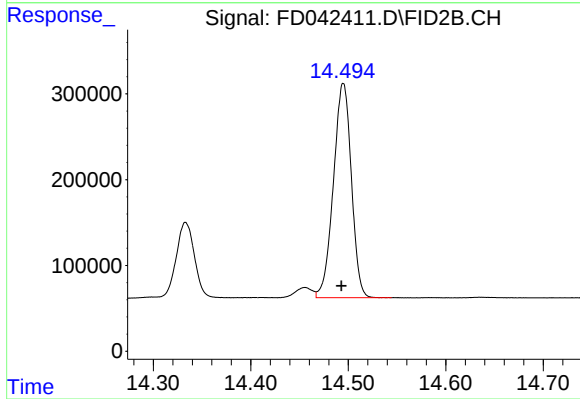
#13 n-Docosane (C22)

R.T.: 13.399 min
Delta R.T.: 0.001 min
Response: 2949835
Conc: 19.14 ug/ml

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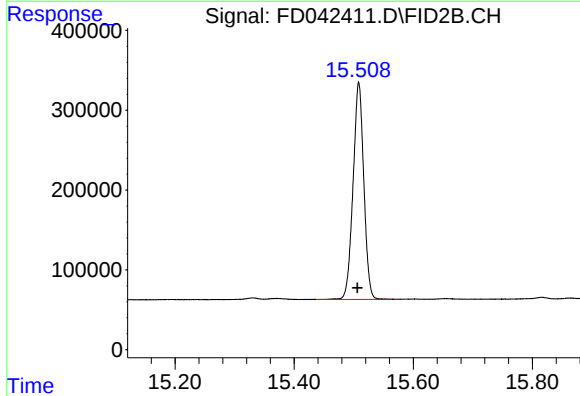
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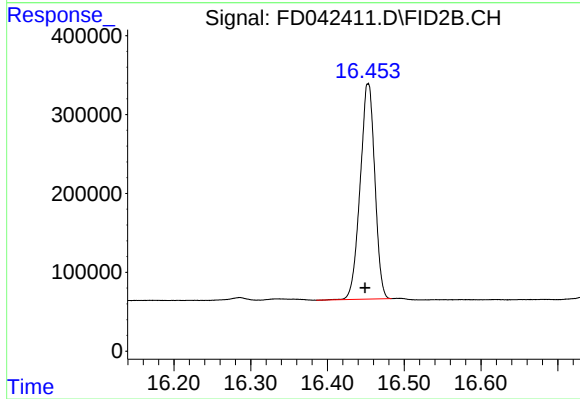
#14 n-Tetracosane (C24)

R.T.: 14.495 min
Delta R.T.: 0.002 min
Response: 3194292
Conc: 20.65 ug/ml



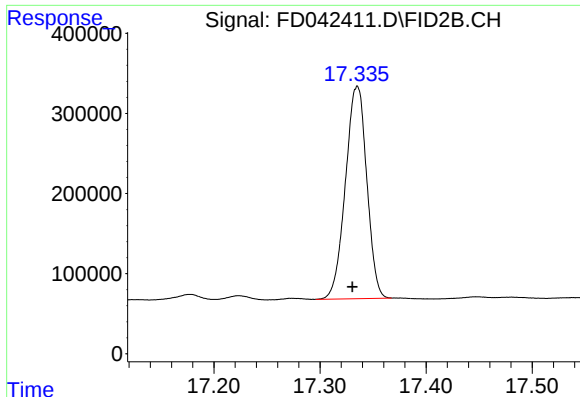
#15 n-Hexacosane (C26)

R.T.: 15.509 min
Delta R.T.: 0.002 min
Response: 3404702
Conc: 22.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.453 min
Delta R.T.: 0.004 min
Response: 3631123
Conc: 23.75 ug/ml



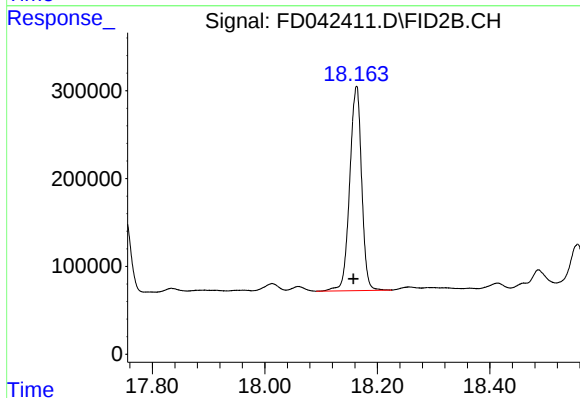
#17 n-Tricontane (C30)

R.T.: 17.335 min
Delta R.T.: 0.004 min
Response: 3708990
Conc: 24.73 ug/ml

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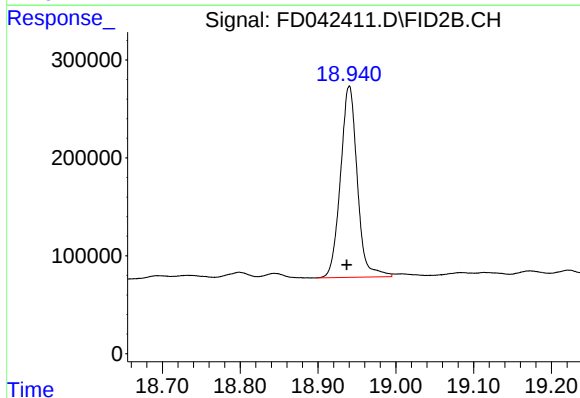
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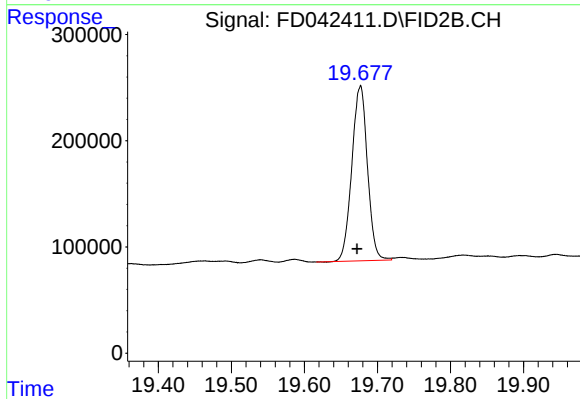
#18 n-Dotriacontane (C32)

R.T.: 18.163 min
Delta R.T.: 0.006 min
Response: 3424529
Conc: 24.22 ug/ml



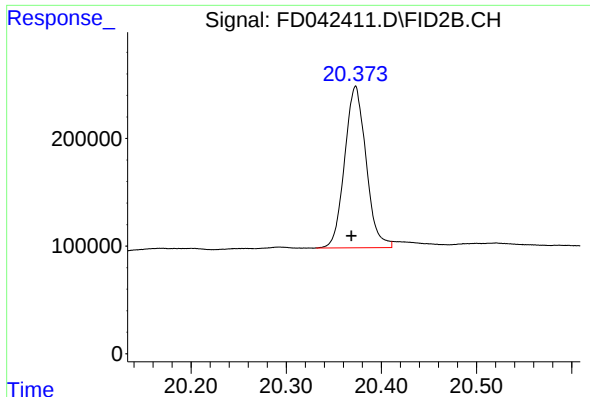
#19 n-Tetratriacontane (C34)

R.T.: 18.940 min
Delta R.T.: 0.003 min
Response: 2931589
Conc: 22.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.677 min
Delta R.T.: 0.005 min
Response: 2445529
Conc: 21.61 ug/ml



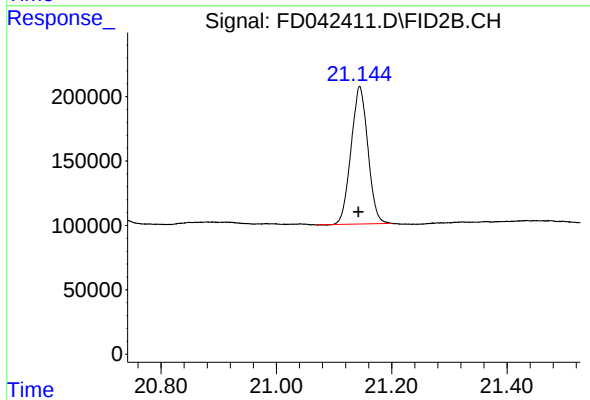
#21 n-Octatriacontane (C38)

R.T.: 20.373 min
Delta R.T.: 0.004 min
Response: 2349165
Conc: 23.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.145 min
Delta R.T.: 0.002 min
Response: 2162141
Conc: 23.97 ug/ml