

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021822AL\
 Data File : FD041191.D
 Signal(s) : FID2B.CH
 Acq On : 18 Feb 2022 14:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2022
 Supervised By :Ankita Jodhani 02/21/2022

Integration File: autoint1.e
 Quant Time: Feb 18 22:03:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 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)	11.232	542857	19.423 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	12.674	408663	19.520 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.082	448293	19.904 ug/ml
2) T n-Decane (C10)	4.139	457599	20.332 ug/ml
3) T A~Naphthalene (C11.7)	5.695	444574	20.007 ug/ml
4) T n-Dodecane (C12)	6.140	457235	19.914 ug/ml
5) T A~2-methylnaphthalene...	6.741	443453	20.644 ug/ml
6) T n-Tetradecane (C14)	7.918	467951	19.871 ug/ml
7) T n-Hexadecane (C16)	9.505	471223	19.600 ug/ml
8) T n-Octadecane (C18)	10.935	490335	19.539 ug/ml
10) T n-Eicosane (C20)	12.235	484423	19.342 ug/ml
11) T n-Heneicosane (C21)	12.843	488008	19.216 ug/ml
13) T n-Docosane (C22)	13.426	491525	19.637 ug/ml
14) T n-Tetracosane (C24)	14.522	519845	20.931 ug/ml
15) T n-Hexacosane (C26)	15.538	520014	21.450 ug/ml
16) T n-Octacosane (C28)	16.482	547498	22.737 ug/ml
17) T n-Tricontane (C30)	17.366	587115	24.640 ug/ml
18) T n-Dotriacontane (C32)	18.193	569367	25.386 ug/ml
19) T n-Tetratriacontane (C34)	18.973	517382	24.009 ug/ml
20) T n-Hexatriacontane (C36)	19.709	428628	21.557 ug/ml
21) T n-Octatriacontane (C38)	20.407	396814	20.945 ug/mlm
22) T n-Tetracontane (C40)	21.191	370561	19.144 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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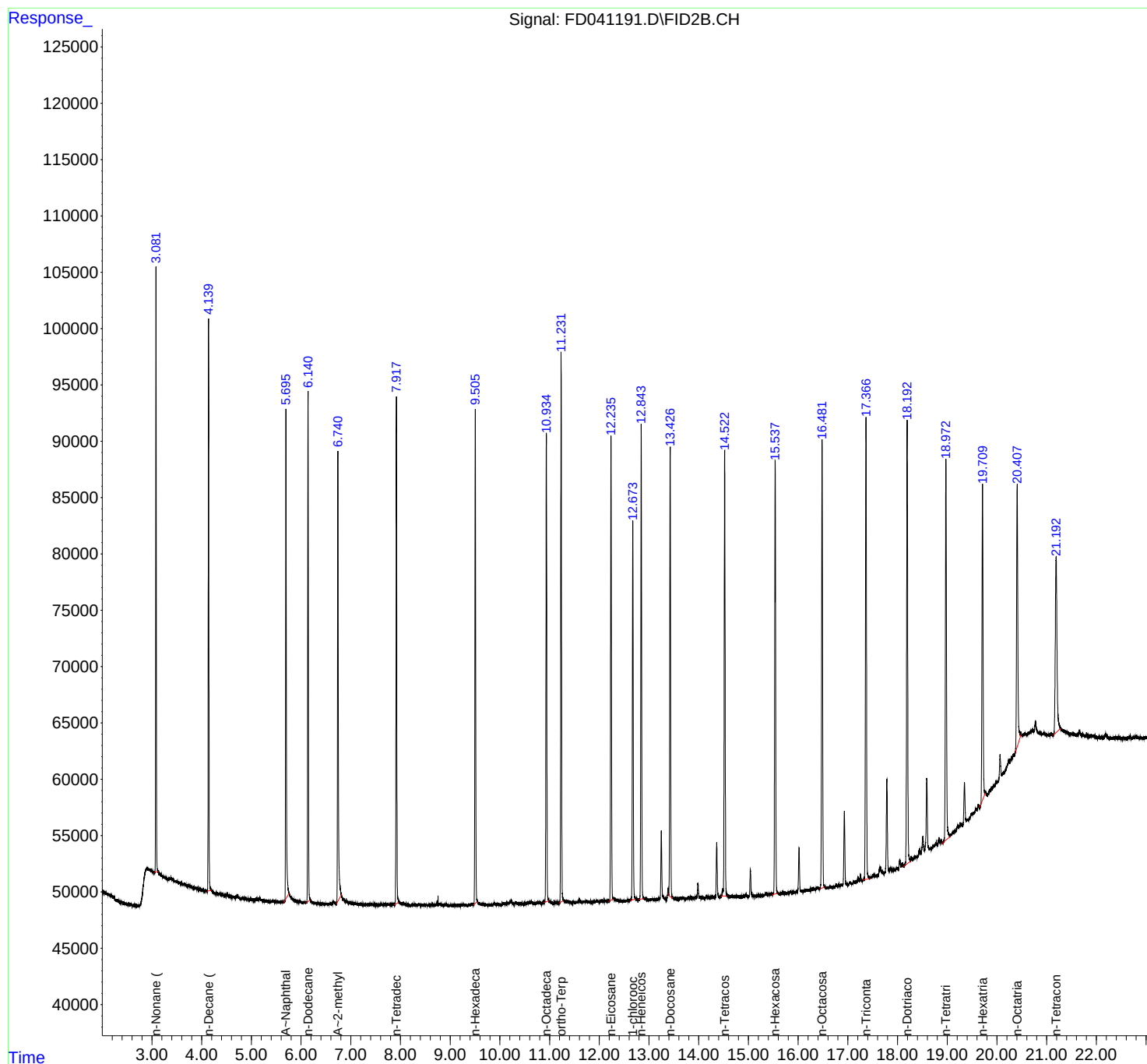
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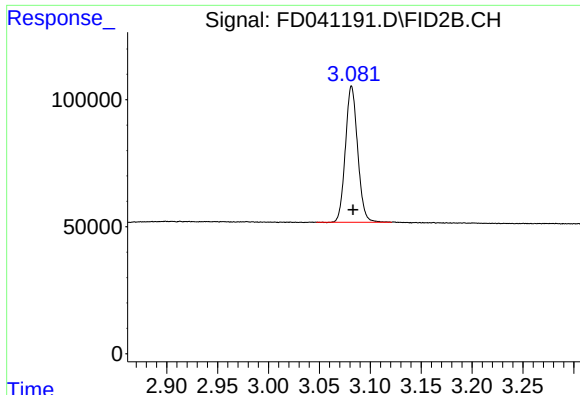
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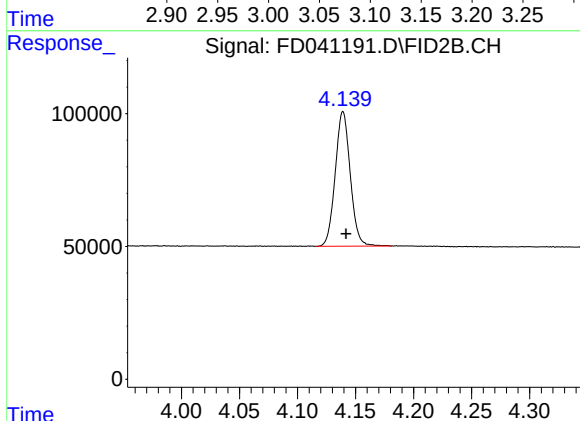
#1 n-Nonane (C9)

R.T.: 3.082 min
Delta R.T.: -0.001 min
Response: 448293
Conc: 19.90 ug/ml

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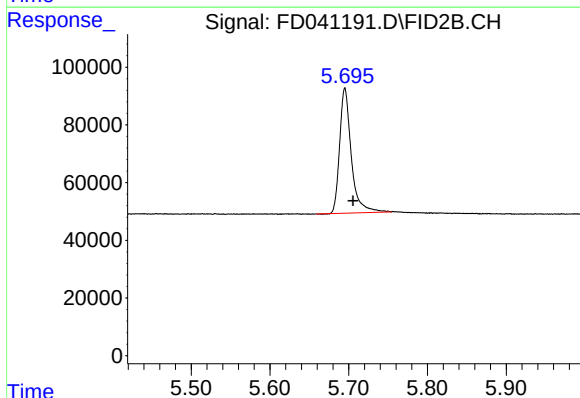
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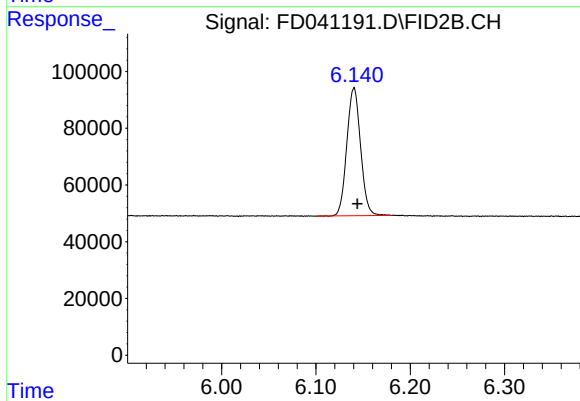
#2 n-Decane (C10)

R.T.: 4.139 min
Delta R.T.: -0.003 min
Response: 457599
Conc: 20.33 ug/ml



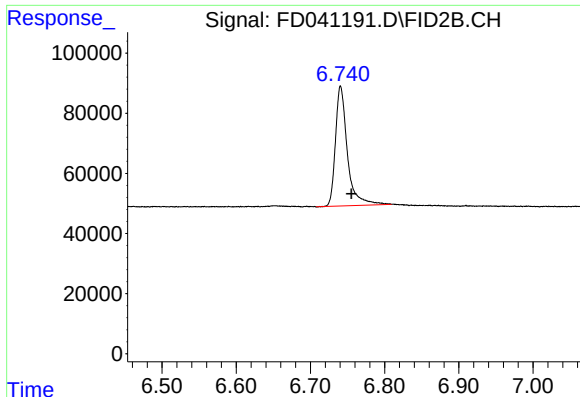
#3 A~Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.010 min
Response: 444574
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 457235
Conc: 19.91 ug/ml



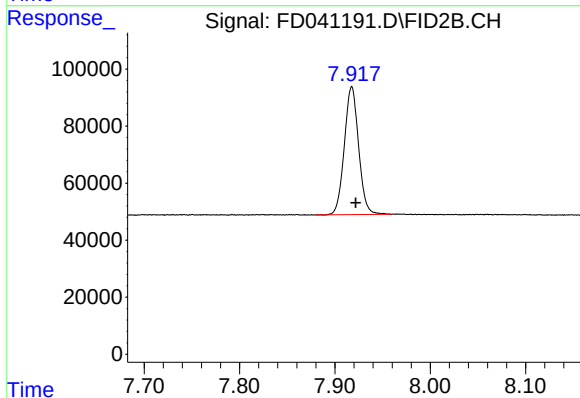
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.014 min
Response: 443453
Conc: 20.64 ug/ml

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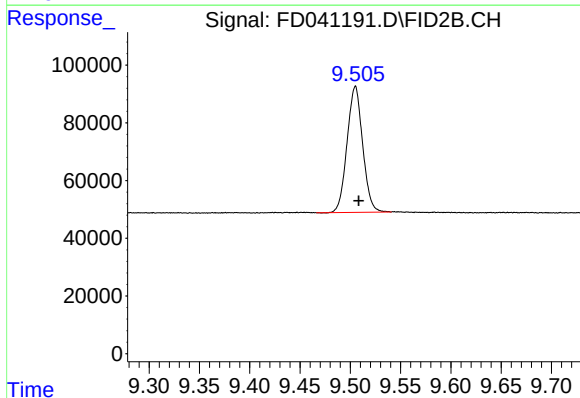
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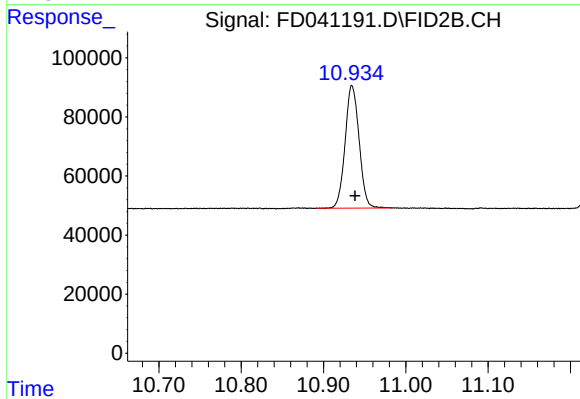
#6 n-Tetradecane (C14)

R.T.: 7.918 min
Delta R.T.: -0.004 min
Response: 467951
Conc: 19.87 ug/ml



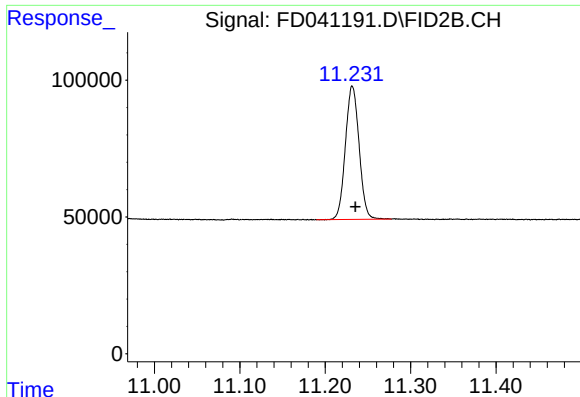
#7 n-Hexadecane (C16)

R.T.: 9.505 min
Delta R.T.: -0.003 min
Response: 471223
Conc: 19.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.935 min
Delta R.T.: -0.004 min
Response: 490335
Conc: 19.54 ug/ml



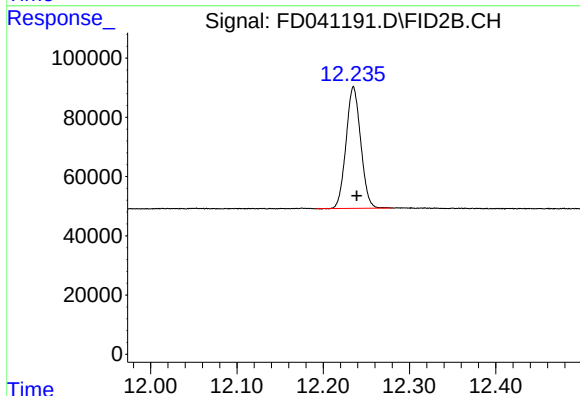
#9 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: -0.003 min
Response: 542857
Conc: 19.42 ug/ml

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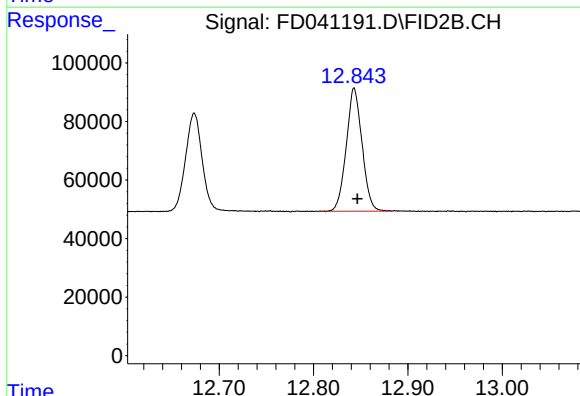
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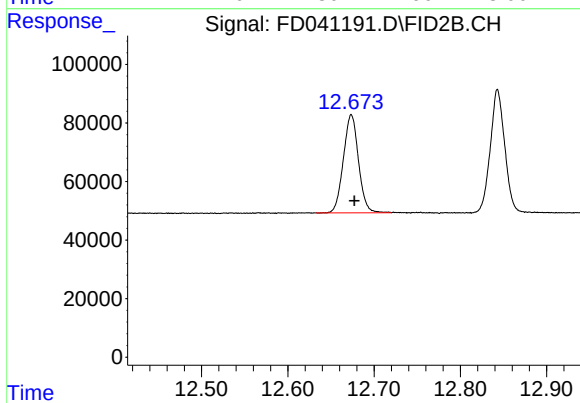
#10 n-Eicosane (C20)

R.T.: 12.235 min
Delta R.T.: -0.004 min
Response: 484423
Conc: 19.34 ug/ml



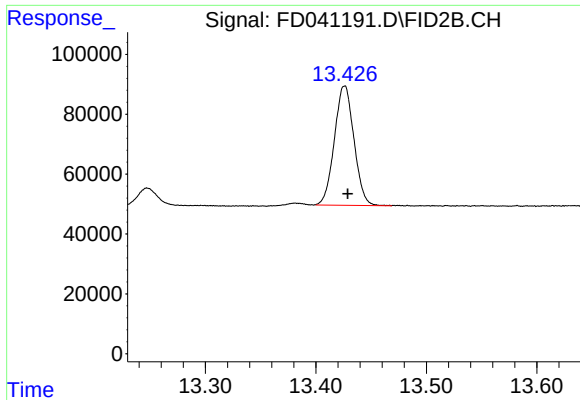
#11 n-Heneicosane (C21)

R.T.: 12.843 min
Delta R.T.: -0.003 min
Response: 488008
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.674 min
Delta R.T.: -0.004 min
Response: 408663
Conc: 19.52 ug/ml



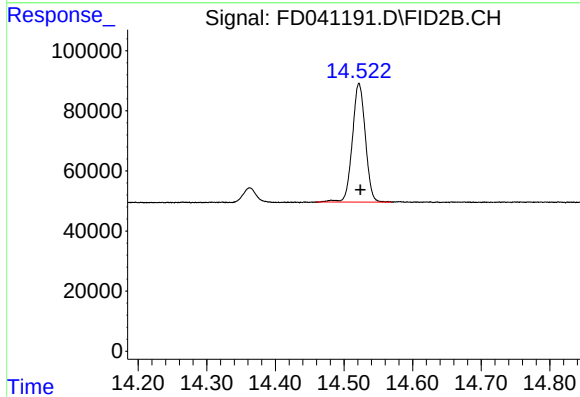
#13 n-Docosane (C22)

R.T.: 13.426 min
Delta R.T.: -0.003 min
Response: 491525
Conc: 19.64 ug/ml

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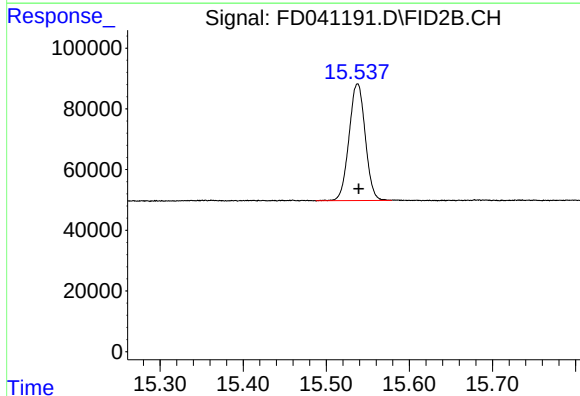
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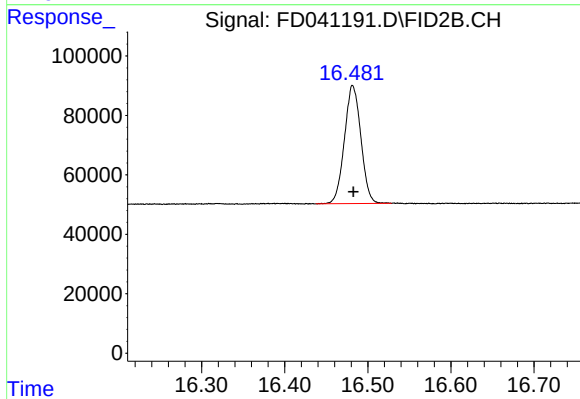
#14 n-Tetracosane (C24)

R.T.: 14.522 min
Delta R.T.: -0.002 min
Response: 519845
Conc: 20.93 ug/ml



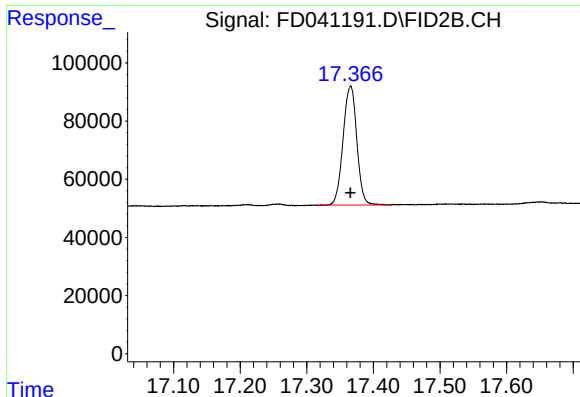
#15 n-Hexacosane (C26)

R.T.: 15.538 min
Delta R.T.: -0.001 min
Response: 520014
Conc: 21.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.482 min
Delta R.T.: -0.001 min
Response: 547498
Conc: 22.74 ug/ml



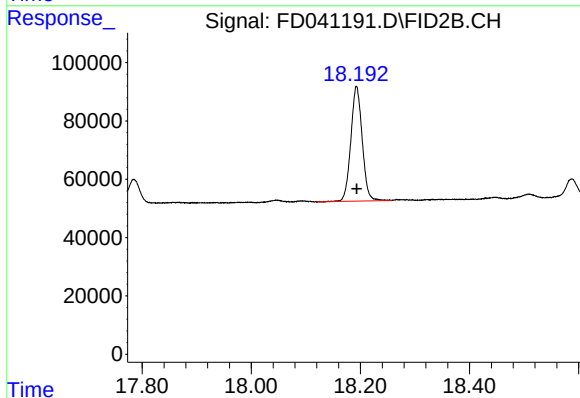
#17 n-Tricontane (C30)

R.T.: 17.366 min
Delta R.T.: 0.000 min
Response: 587115
Conc: 24.64 ug/ml

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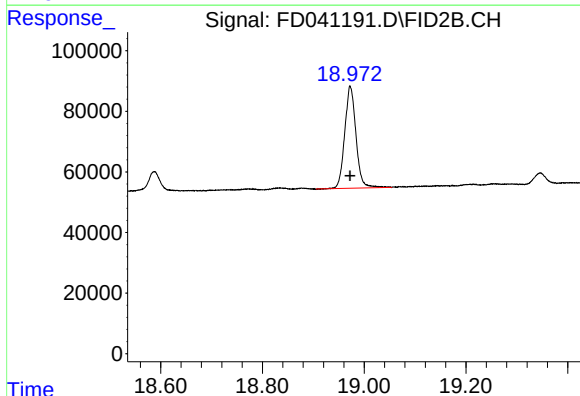
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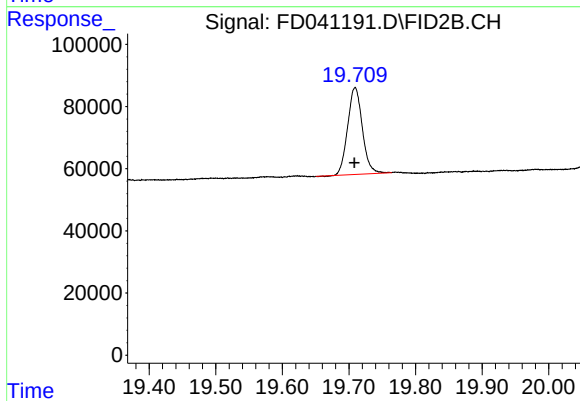
#18 n-Dotriacontane (C32)

R.T.: 18.193 min
Delta R.T.: 0.000 min
Response: 569367
Conc: 25.39 ug/ml



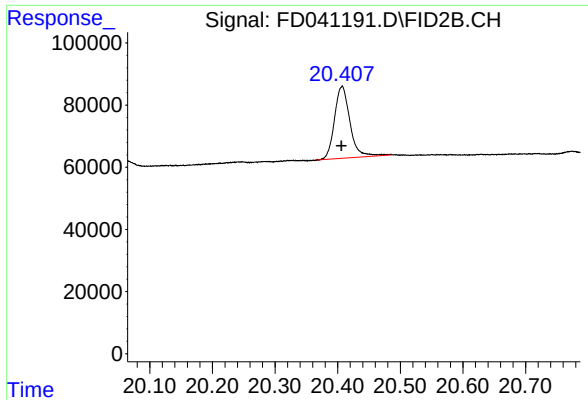
#19 n-Tetratriacontane (C34)

R.T.: 18.973 min
Delta R.T.: 0.000 min
Response: 517382
Conc: 24.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.709 min
Delta R.T.: 0.001 min
Response: 428628
Conc: 21.56 ug/ml



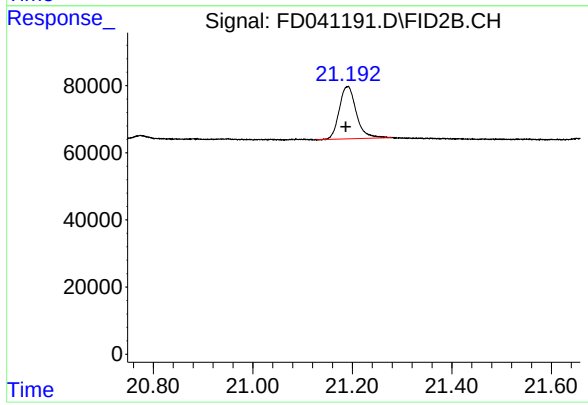
#21 n-Octatriacontane (C38)

R.T.: 20.407 min
Delta R.T.: 0.001 min
Response: 396814
Conc: 20.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.191 min
Delta R.T.: 0.004 min
Response: 370561
Conc: 19.14 ug/ml