

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031522AL\
 Data File : FE035361.D
 Signal(s) : FID1B.CH
 Acq On : 16 Mar 2022 11:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: sample.E
 Quant Time: Mar 16 12:29:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 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)	11.362	2576423	18.602 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	12.796	1955802	18.056 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
Target Compounds			
1) T n-Nonane (C9)	3.179	2157142	18.786 ug/ml
2) T n-Decane (C10)	4.234	2139927	18.783 ug/ml
3) T A~Naphthalene (C11.7)	5.802	2360189	18.582 ug/ml
4) T n-Dodecane (C12)	6.240	2201074	18.721 ug/ml
5) T A~2-methylnaphthalene...	6.852	2373788	18.583 ug/ml
6) T n-Tetradecane (C14)	8.026	2235931	18.736 ug/ml
7) T n-Hexadecane (C16)	9.619	2281614	18.727 ug/ml
8) T n-Octadecane (C18)	11.053	2331485	18.599 ug/ml
10) T n-Eicosane (C20)	12.356	2337438	18.485 ug/ml
11) T n-Heneicosane (C21)	12.964	2341902	18.390 ug/ml
13) T n-Docosane (C22)	13.548	2345599	18.472 ug/ml
14) T n-Tetracosane (C24)	14.644	2341089	18.484 ug/ml
15) T n-Hexacosane (C26)	15.660	2308947	18.621 ug/ml
16) T n-Octacosane (C28)	16.604	2256857	18.830 ug/ml
17) T n-Tricontane (C30)	17.487	2149351	18.977 ug/ml
18) T n-Dotriacontane (C32)	18.315	1945001	19.100 ug/ml
19) T n-Tetratriacontane (C34)	19.096	1736864	19.466 ug/ml
20) T n-Hexatriacontane (C36)	19.832	1476675	19.452 ug/mlm
21) T n-Octatriacontane (C38)	20.535	1413968	21.413 ug/mlm
22) T n-Tetracontane (C40)	21.345	1397791	22.852 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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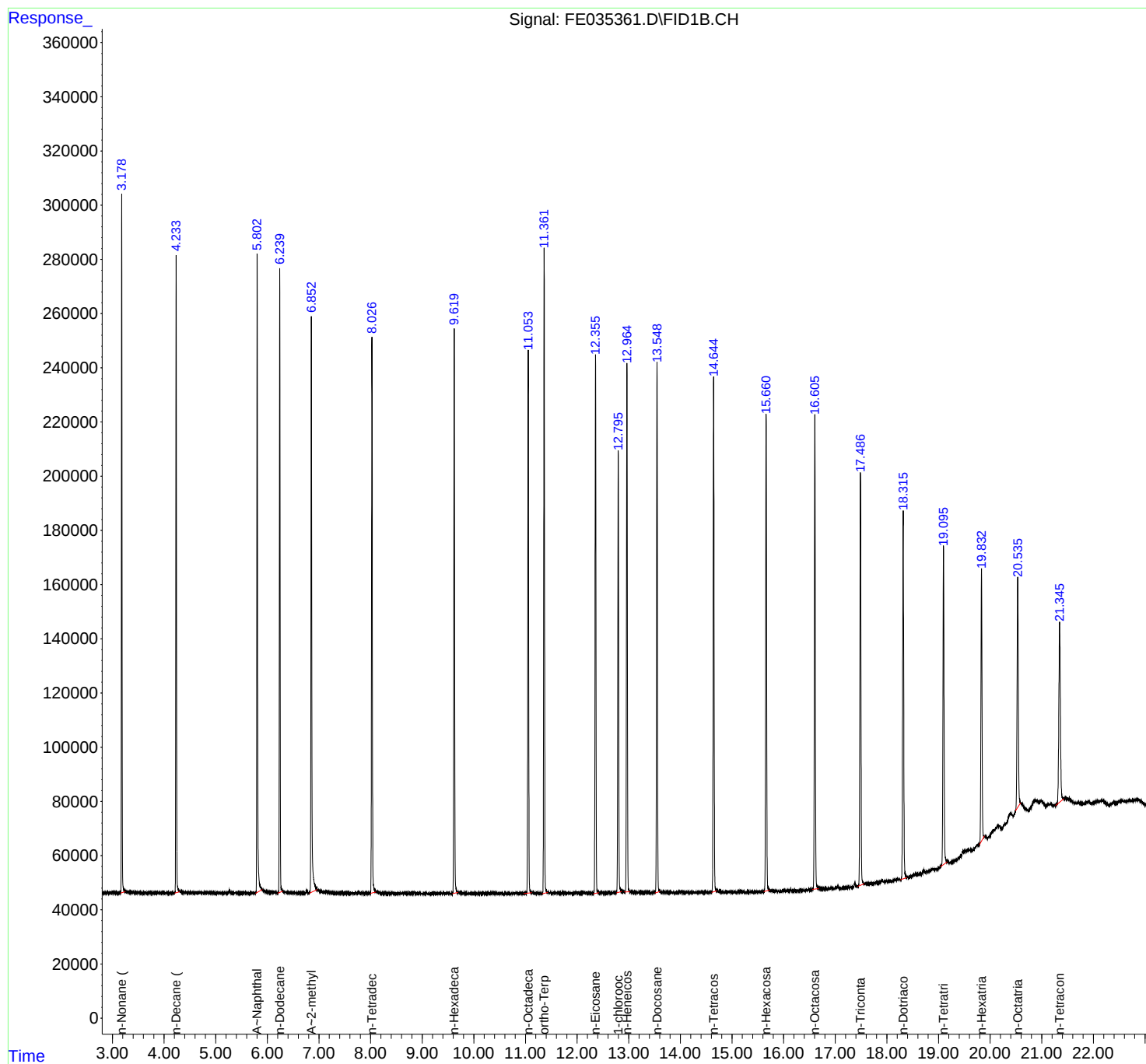
Instrument :
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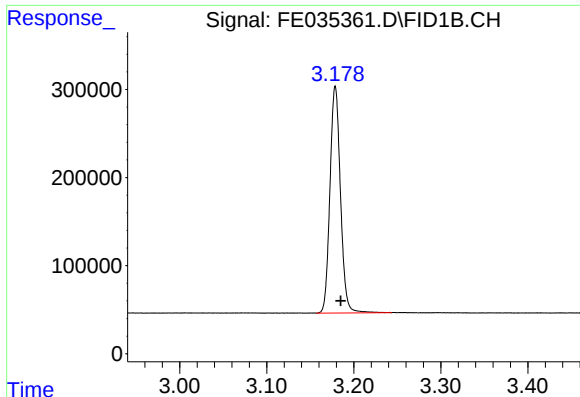
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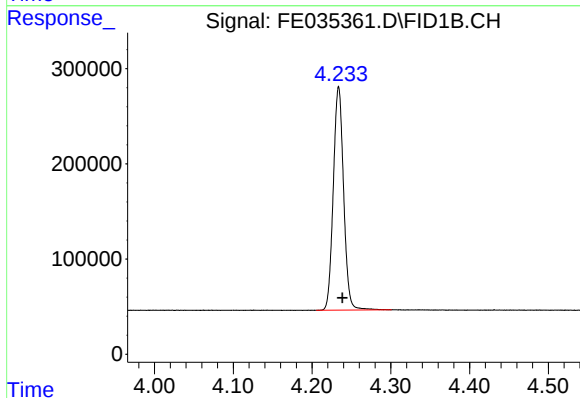
#1 n-Nonane (C9)

R.T.: 3.179 min
Delta R.T.: -0.006 min
Response: 2157142
Conc: 18.79 ug/ml

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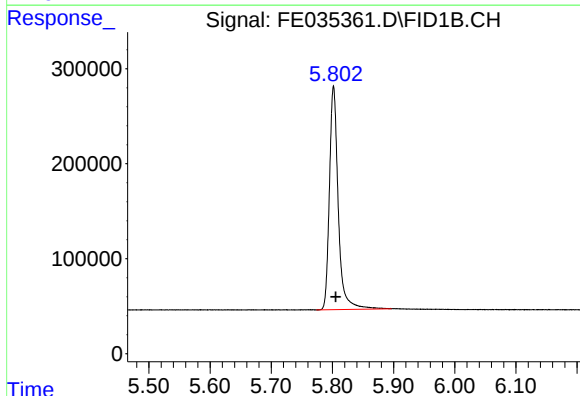
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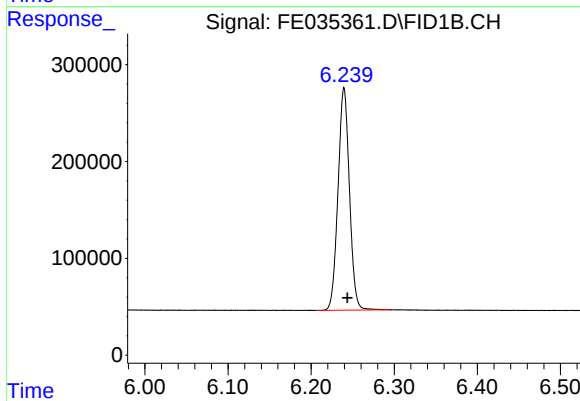
#2 n-Decane (C10)

R.T.: 4.234 min
Delta R.T.: -0.005 min
Response: 2139927
Conc: 18.78 ug/ml



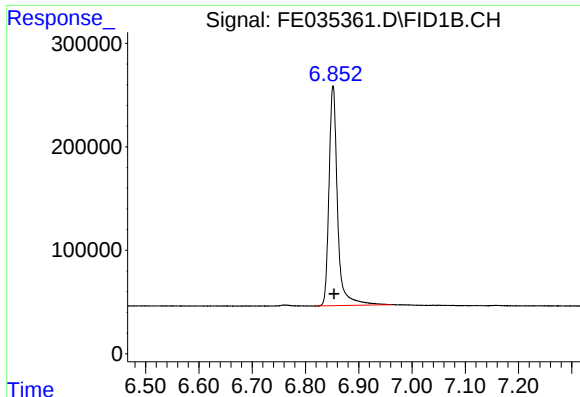
#3 A~Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 2360189
Conc: 18.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.240 min
Delta R.T.: -0.004 min
Response: 2201074
Conc: 18.72 ug/ml



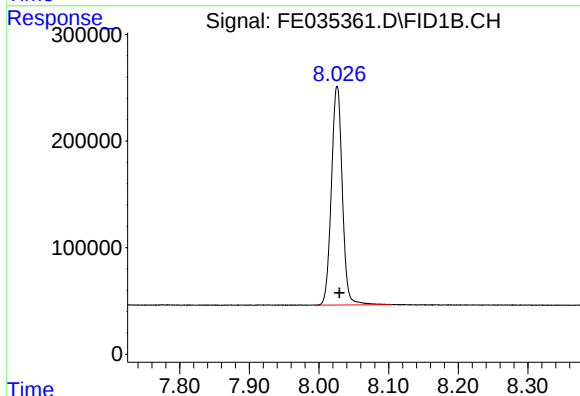
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 2373788
Conc: 18.58 ug/ml

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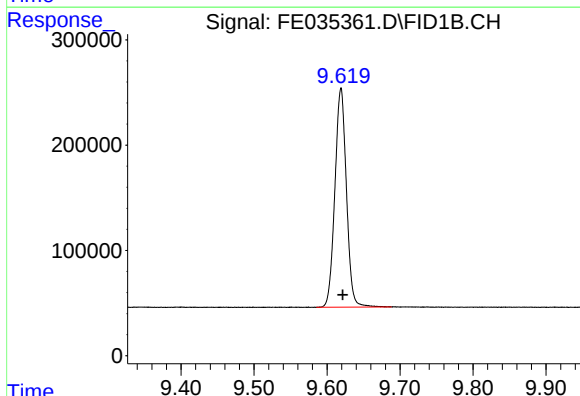
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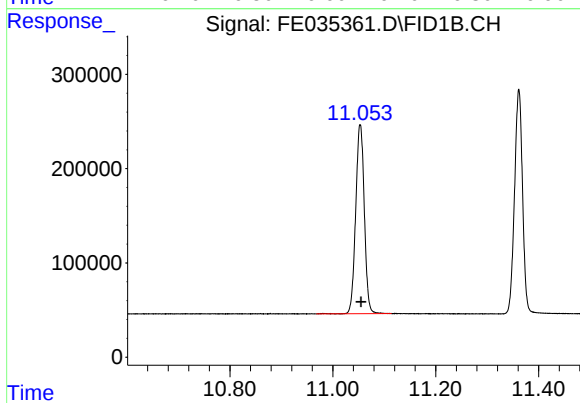
#6 n-Tetradecane (C14)

R.T.: 8.026 min
Delta R.T.: -0.003 min
Response: 2235931
Conc: 18.74 ug/ml



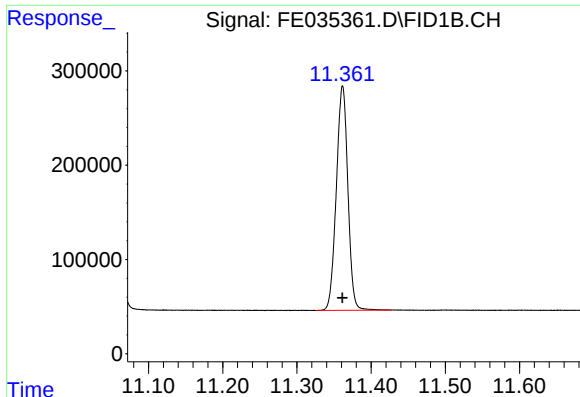
#7 n-Hexadecane (C16)

R.T.: 9.619 min
Delta R.T.: -0.002 min
Response: 2281614
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: -0.002 min
Response: 2331485
Conc: 18.60 ug/ml



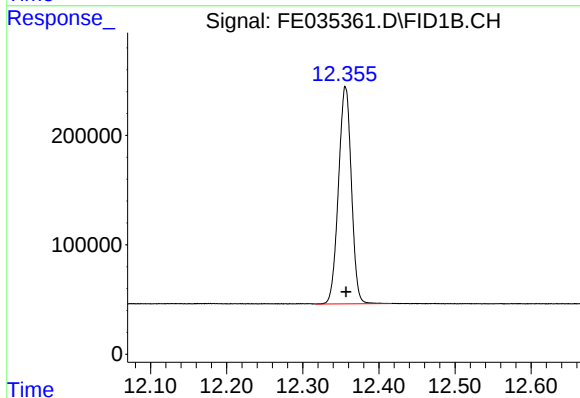
#9 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.000 min
Response: 2576423
Conc: 18.60 ug/ml

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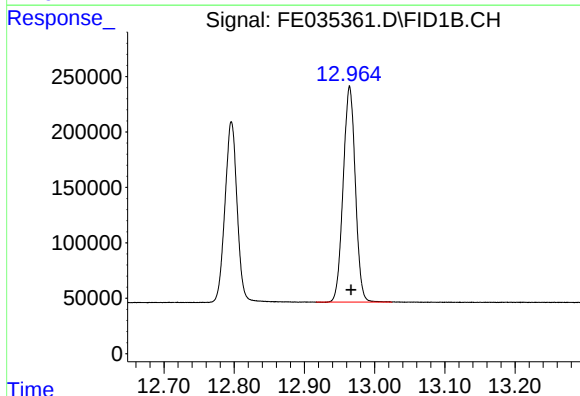
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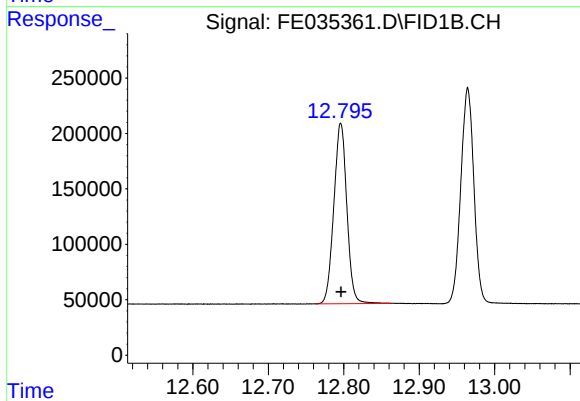
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: -0.001 min
Response: 2337438
Conc: 18.49 ug/ml



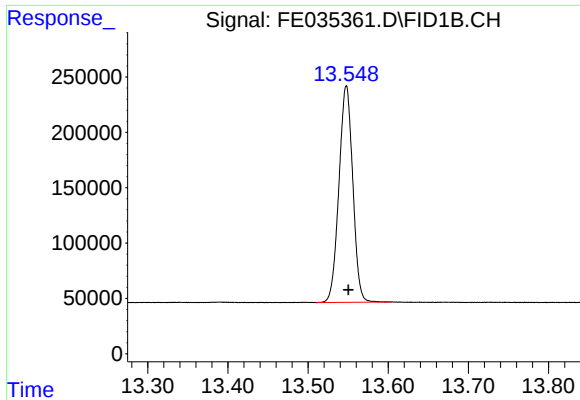
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: -0.002 min
Response: 2341902
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.796 min
Delta R.T.: 0.000 min
Response: 1955802
Conc: 18.06 ug/ml



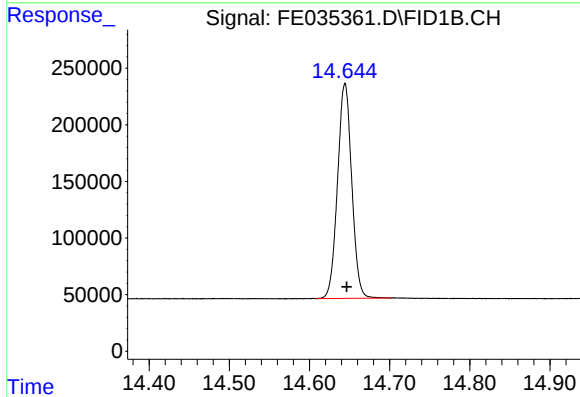
#13 n-Docosane (C22)

R.T.: 13.548 min
Delta R.T.: -0.002 min
Response: 2345599
Conc: 18.47 ug/ml

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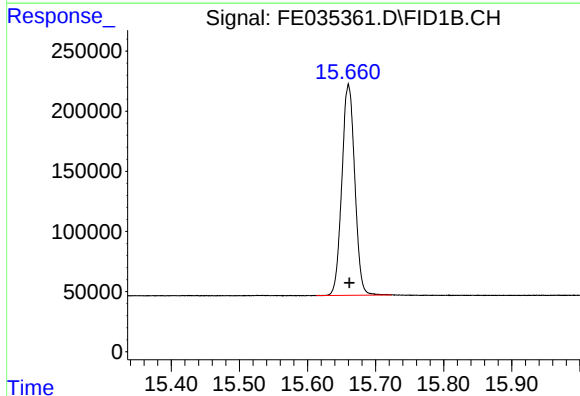
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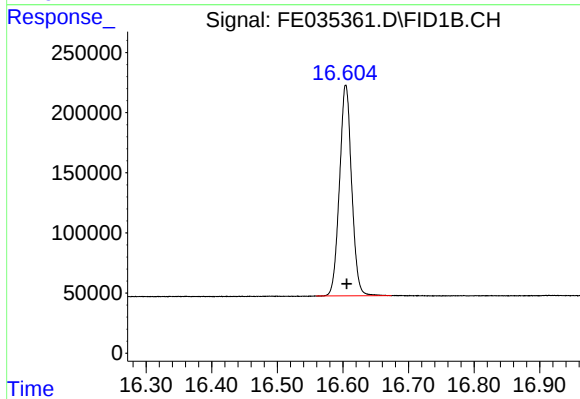
#14 n-Tetracosane (C24)

R.T.: 14.644 min
Delta R.T.: -0.002 min
Response: 2341089
Conc: 18.48 ug/ml



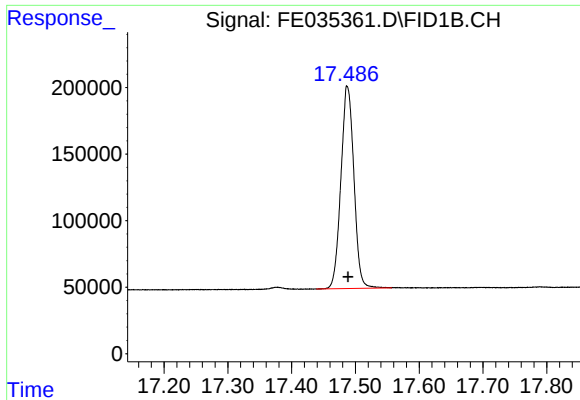
#15 n-Hexacosane (C26)

R.T.: 15.660 min
Delta R.T.: -0.002 min
Response: 2308947
Conc: 18.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.604 min
Delta R.T.: -0.002 min
Response: 2256857
Conc: 18.83 ug/ml



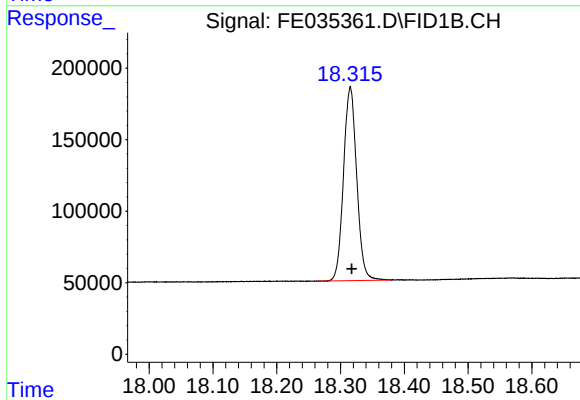
#17 n-Tricontane (C30)

R.T.: 17.487 min
Delta R.T.: 0.000 min
Response: 2149351
Conc: 18.98 ug/ml

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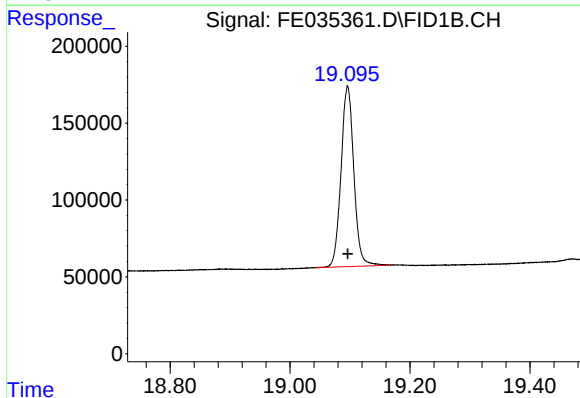
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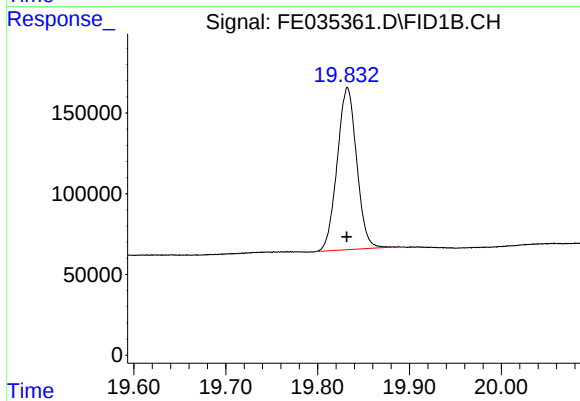
#18 n-Dotriacontane (C32)

R.T.: 18.315 min
Delta R.T.: -0.002 min
Response: 1945001
Conc: 19.10 ug/ml



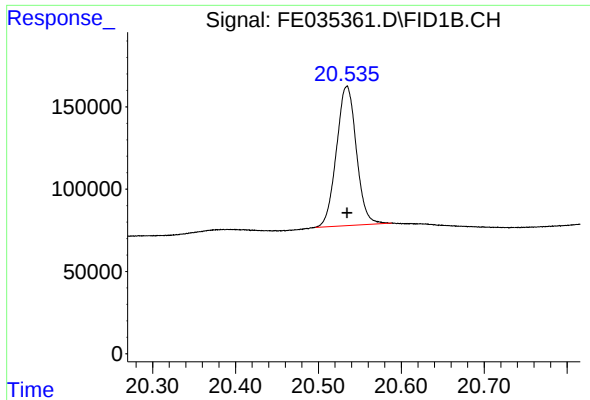
#19 n-Tetratriacontane (C34)

R.T.: 19.096 min
Delta R.T.: 0.000 min
Response: 1736864
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.832 min
Delta R.T.: 0.000 min
Response: 1476675
Conc: 19.45 ug/ml m



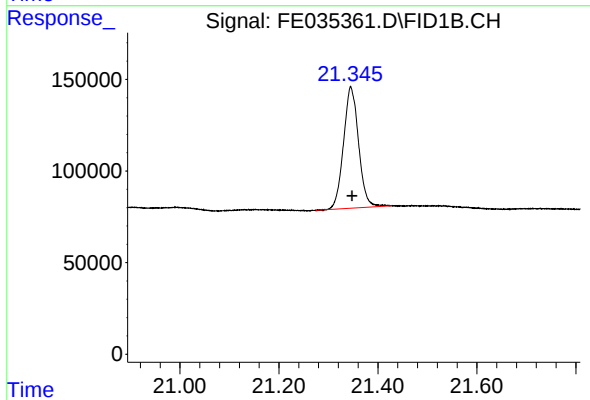
#21 n-Octatriacontane (C38)

R.T.: 20.535 min
Delta R.T.: 0.000 min
Response: 1413968
Conc: 21.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.345 min
Delta R.T.: -0.003 min
Response: 1397791
Conc: 22.85 ug/ml