

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060222AL\
 Data File : FC060049.D
 Signal(s) : FID1A.CH
 Acq On : 02 Jun 2022 10:30
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: sample.E
 Quant Time: Jun 02 12:38:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.649	3171342	20.378 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	12.018	2541845	20.501 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
Target Compounds			
1) T n-Nonane (C9)	2.627	2623663	20.499 ug/ml
2) T n-Decane (C10)	3.626	2641871	20.651 ug/ml
3) T A~Naphthalene (C11.7)	5.164	2998030	20.742 ug/ml
4) T n-Dodecane (C12)	5.579	2769449	20.775 ug/ml
5) T A~2-methylnaphthalene...	6.188	3034734	20.677 ug/ml
6) T n-Tetradecane (C14)	7.331	2834555	20.764 ug/ml
7) T n-Hexadecane (C16)	8.894	2913883	20.768 ug/ml
8) T n-Octadecane (C18)	10.303	2971124	20.761 ug/ml
10) T n-Eicosane (C20)	11.583	2941190	20.615 ug/ml
11) T n-Heneicosane (C21)	12.181	2942598	20.529 ug/ml
13) T n-Docosane (C22)	12.754	2908029	20.407 ug/ml
14) T n-Tetracosane (C24)	13.831	2834867	20.201 ug/ml
15) T n-Hexacosane (C26)	14.830	2714072	20.043 ug/ml
16) T n-Octacosane (C28)	15.758	2619723	20.115 ug/ml
17) T n-Tricontane (C30)	16.624	2534647	20.704 ug/ml
18) T n-Dotriacontane (C32)	17.438	2365319	21.214 ug/ml
19) T n-Tetratriacontane (C34)	18.202	2166854	21.245 ug/ml
20) T n-Hexatriacontane (C36)	18.926	2024149	21.375 ug/mlm
21) T n-Octatriacontane (C38)	19.605	1967140	21.321 ug/mlm
22) T n-Tetracontane (C40)	20.255	1982607	21.072 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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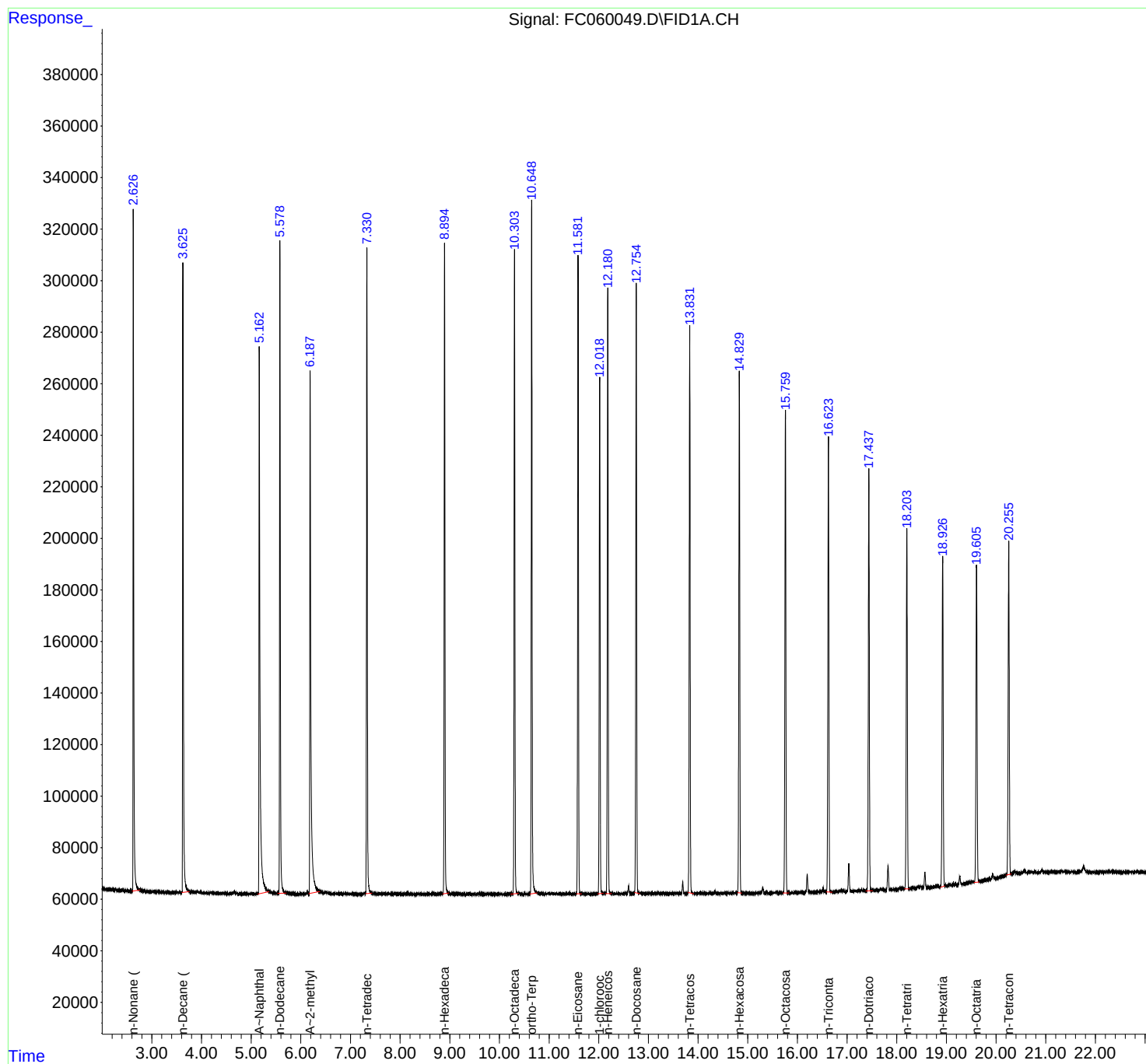
Instrument :
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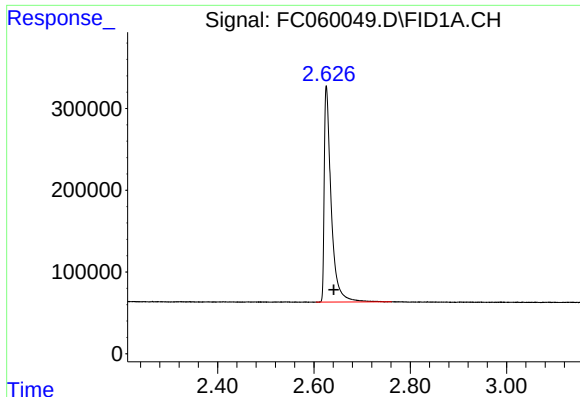
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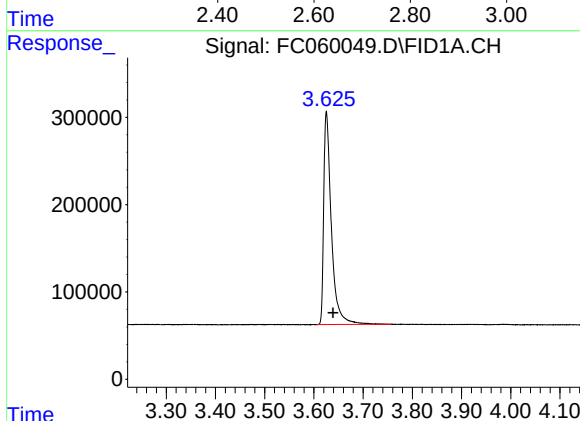
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.014 min
Response: 2623663
Conc: 20.50 ug/ml

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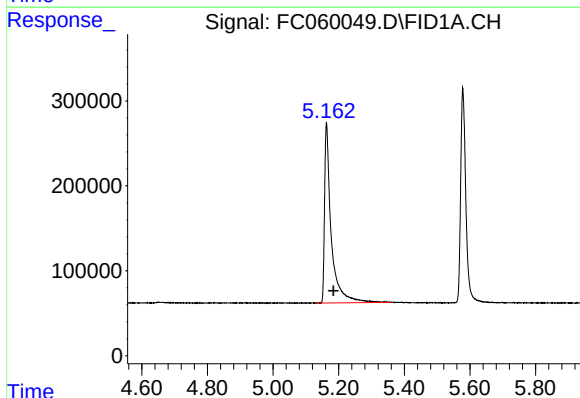
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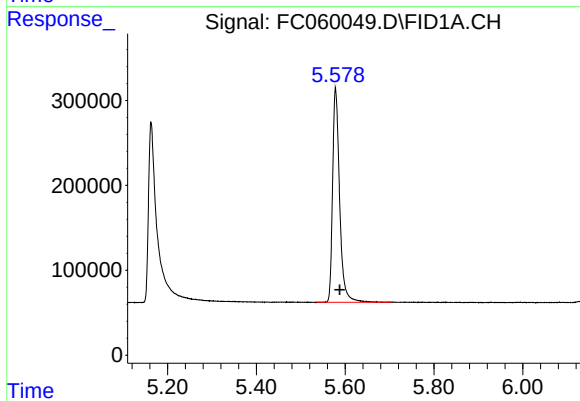
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.012 min
Response: 2641871
Conc: 20.65 ug/ml



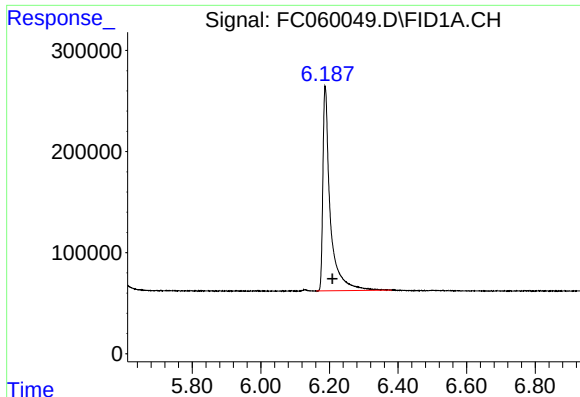
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.020 min
Response: 2998030
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 2769449
Conc: 20.78 ug/ml



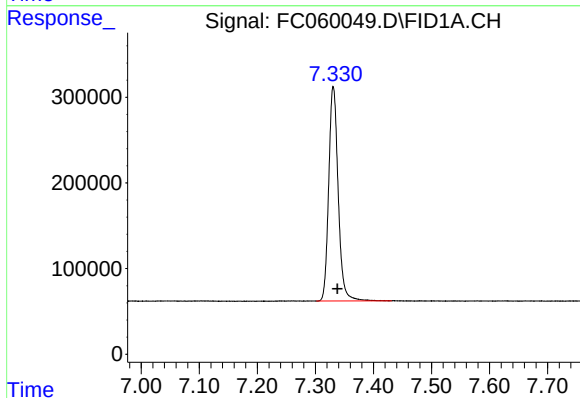
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.020 min
Response: 3034734
Conc: 20.68 ug/ml

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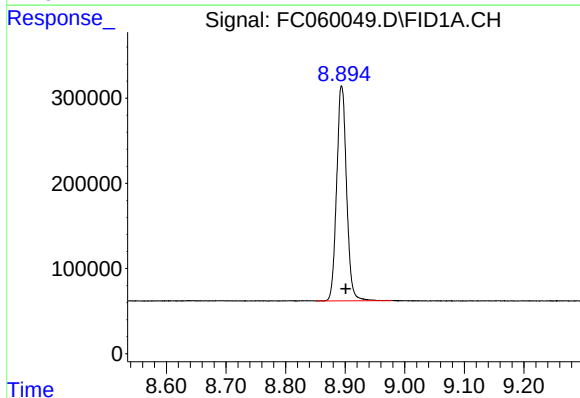
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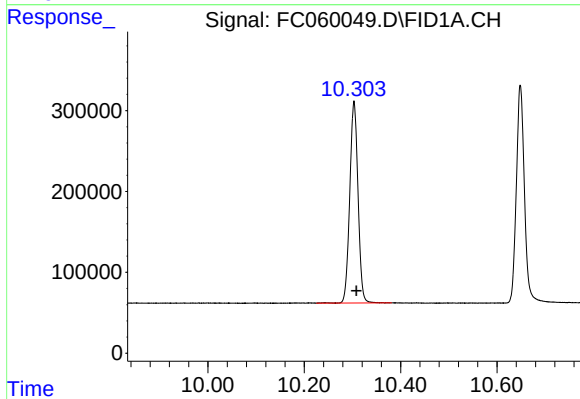
#6 n-Tetradecane (C14)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 2834555
Conc: 20.76 ug/ml



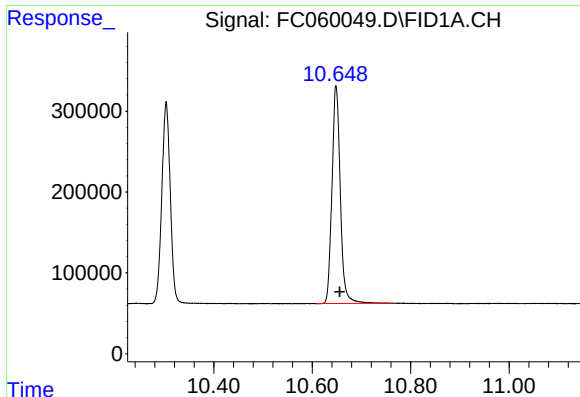
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.007 min
Response: 2913883
Conc: 20.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 2971124
Conc: 20.76 ug/ml



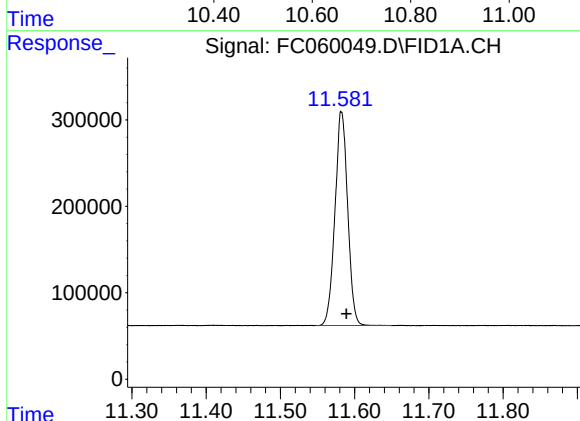
#9 ortho-Terphenyl (SURR)

R.T.: 10.649 min
Delta R.T.: -0.007 min
Response: 3171342
Conc: 20.38 ug/ml

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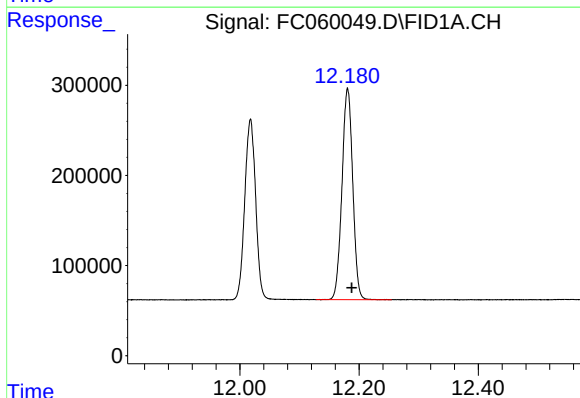
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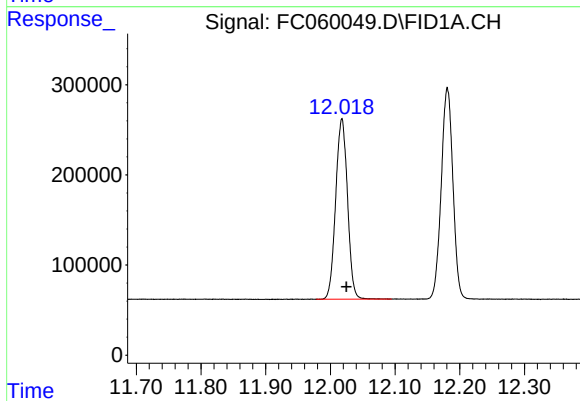
#10 n-Eicosane (C20)

R.T.: 11.583 min
Delta R.T.: -0.006 min
Response: 2941190
Conc: 20.62 ug/ml



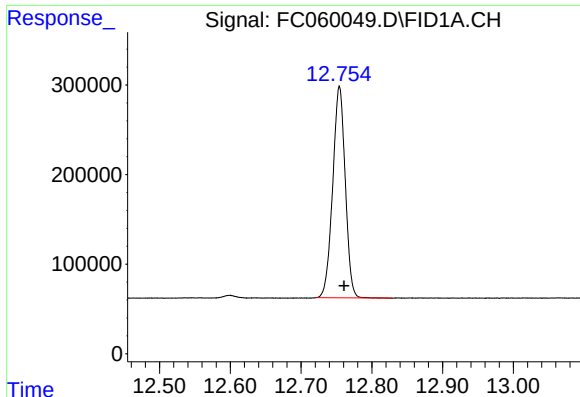
#11 n-Heneicosane (C21)

R.T.: 12.181 min
Delta R.T.: -0.007 min
Response: 2942598
Conc: 20.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.018 min
Delta R.T.: -0.007 min
Response: 2541845
Conc: 20.50 ug/ml



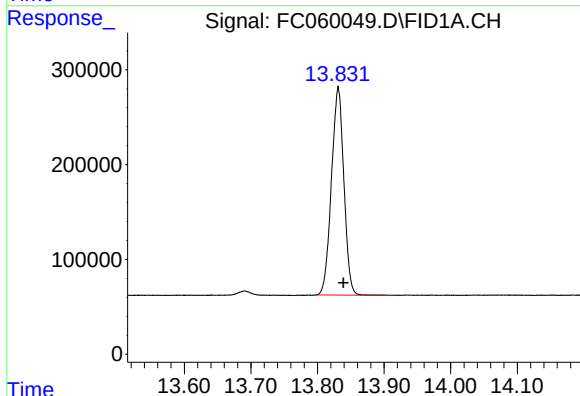
#13 n-Docosane (C22)

R.T.: 12.754 min
Delta R.T.: -0.006 min
Response: 2908029
Conc: 20.41 ug/ml

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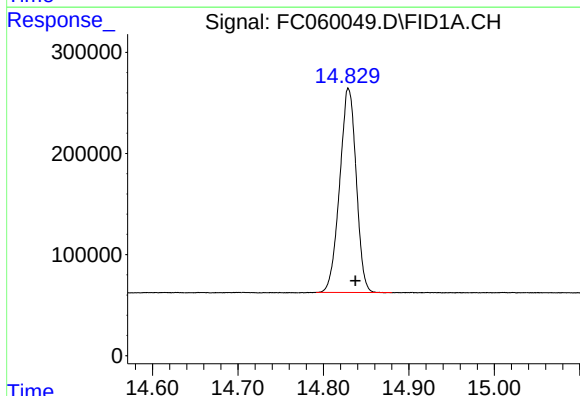
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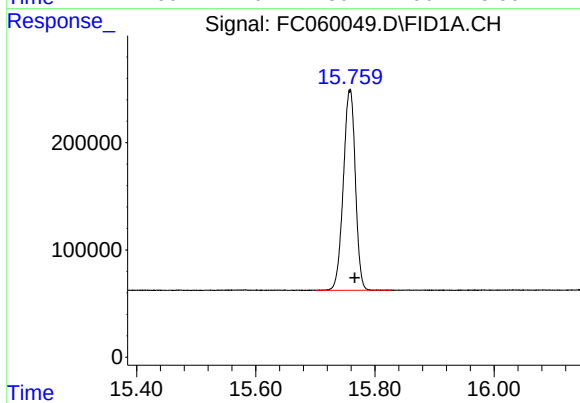
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.008 min
Response: 2834867
Conc: 20.20 ug/ml



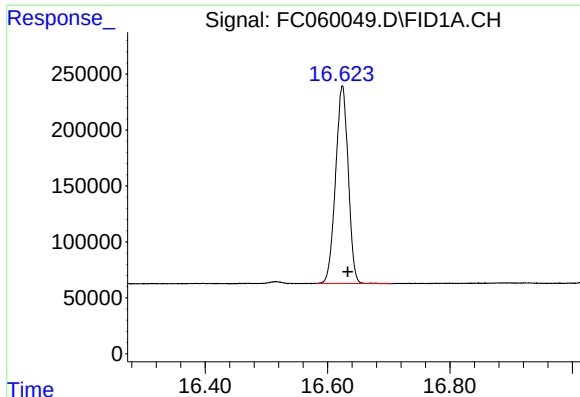
#15 n-Hexacosane (C26)

R.T.: 14.830 min
Delta R.T.: -0.008 min
Response: 2714072
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.758 min
Delta R.T.: -0.008 min
Response: 2619723
Conc: 20.12 ug/ml



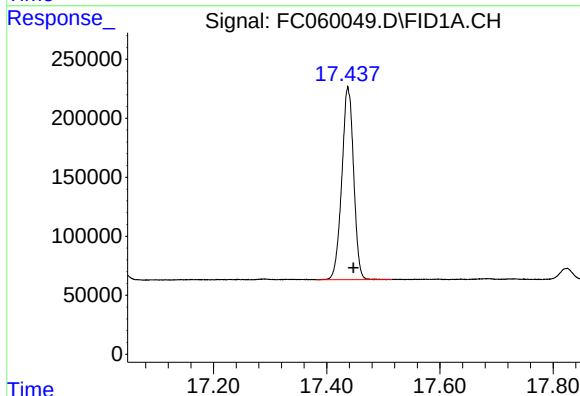
#17 n-Tricontane (C30)

R.T.: 16.624 min
Delta R.T.: -0.009 min
Response: 2534647
Conc: 20.70 ug/ml

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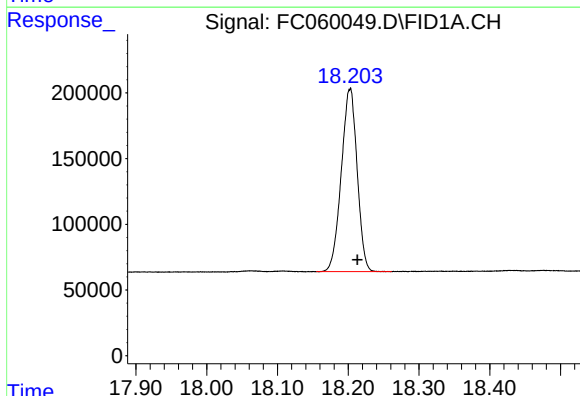
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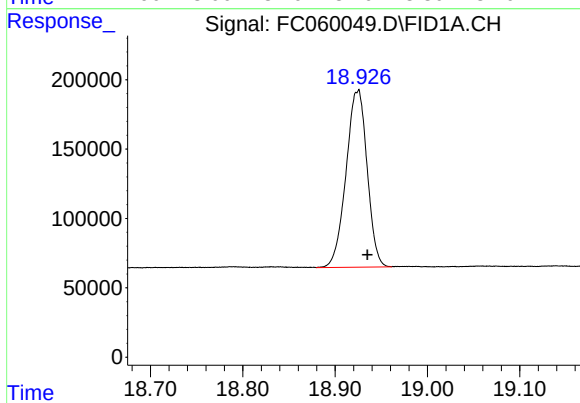
#18 n-Dotriacontane (C32)

R.T.: 17.438 min
Delta R.T.: -0.010 min
Response: 2365319
Conc: 21.21 ug/ml



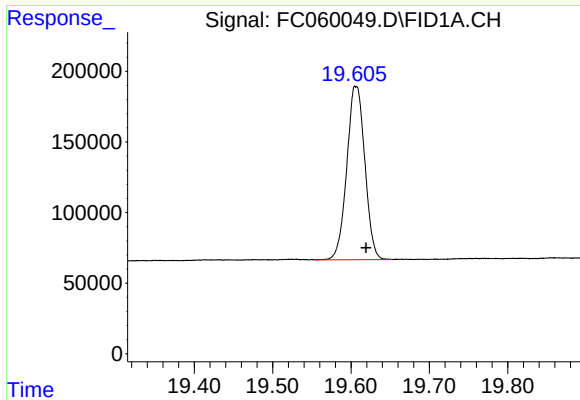
#19 n-Tetratriacontane (C34)

R.T.: 18.202 min
Delta R.T.: -0.011 min
Response: 2166854
Conc: 21.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.926 min
Delta R.T.: -0.009 min
Response: 2024149
Conc: 21.37 ug/ml m



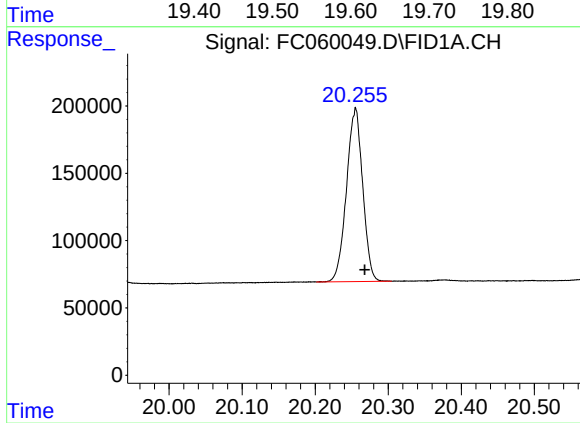
#21 n-Octatriacontane (C38)

R.T.: 19.605 min
Delta R.T.: -0.015 min
Response: 1967140
Conc: 21.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.255 min
Delta R.T.: -0.013 min
Response: 1982607
Conc: 21.07 ug/ml