

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061522AL\
 Data File : FC060278.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jun 2022 2:24
 Operator : UA/NP
 Sample : N3329-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PALMYRA-RT-73-COMP-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2022
 Supervised By :Ankita Jodhani 06/16/2022

Integration File: autoint1.e
 Quant Time: Jun 16 06:07:02 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)	10.652	5407740	34.749 ug/ml
Spiked Amount 50.000		Recovery =	69.50%
12) S 1-chlorooctadecane (S...	12.021	4501649	36.307 ug/ml
Spiked Amount 50.000		Recovery =	72.61%
Target Compounds			
1) T n-Nonane (C9)	2.625	2201321	17.200 ug/ml
2) T n-Decane (C10)	3.623	2582263	20.185 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3896502	26.958 ug/ml
4) T n-Dodecane (C12)	5.576	3615433	27.121 ug/ml
5) T A~2-methylnaphthalene...	6.186	4622496	31.495 ug/ml
6) T n-Tetradecane (C14)	7.332	4821693	35.320 ug/ml
7) T n-Hexadecane (C16)	8.895	5733434	40.863 ug/ml
8) T n-Octadecane (C18)	10.307	6228618	43.524 ug/ml
10) T n-Eicosane (C20)	11.588	5986806	41.963 ug/ml
11) T n-Heneicosane (C21)	12.185	5889061	41.085 ug/ml
13) T n-Docosane (C22)	12.758	5778475	40.551 ug/ml
14) T n-Tetracosane (C24)	13.838	10821032	77.111 ug/ml
15) T n-Hexacosane (C26)	14.837	5291416	39.075 ug/ml
16) T n-Octacosane (C28)	15.763	5397604	41.445 ug/ml
17) T n-Tricontane (C30)	16.635	4888826	39.933 ug/ml
18) T n-Dotriacontane (C32)	17.445	4962312	44.507 ug/ml
19) T n-Tetratriacontane (C34)	18.210	4585749	44.961 ug/ml
20) T n-Hexatriacontane (C36)	18.933	4423839	46.715 ug/ml
21) T n-Octatriacontane (C38)	19.616	4237389	45.928 ug/ml
22) T n-Tetracontane (C40)	20.263	4149255	44.101 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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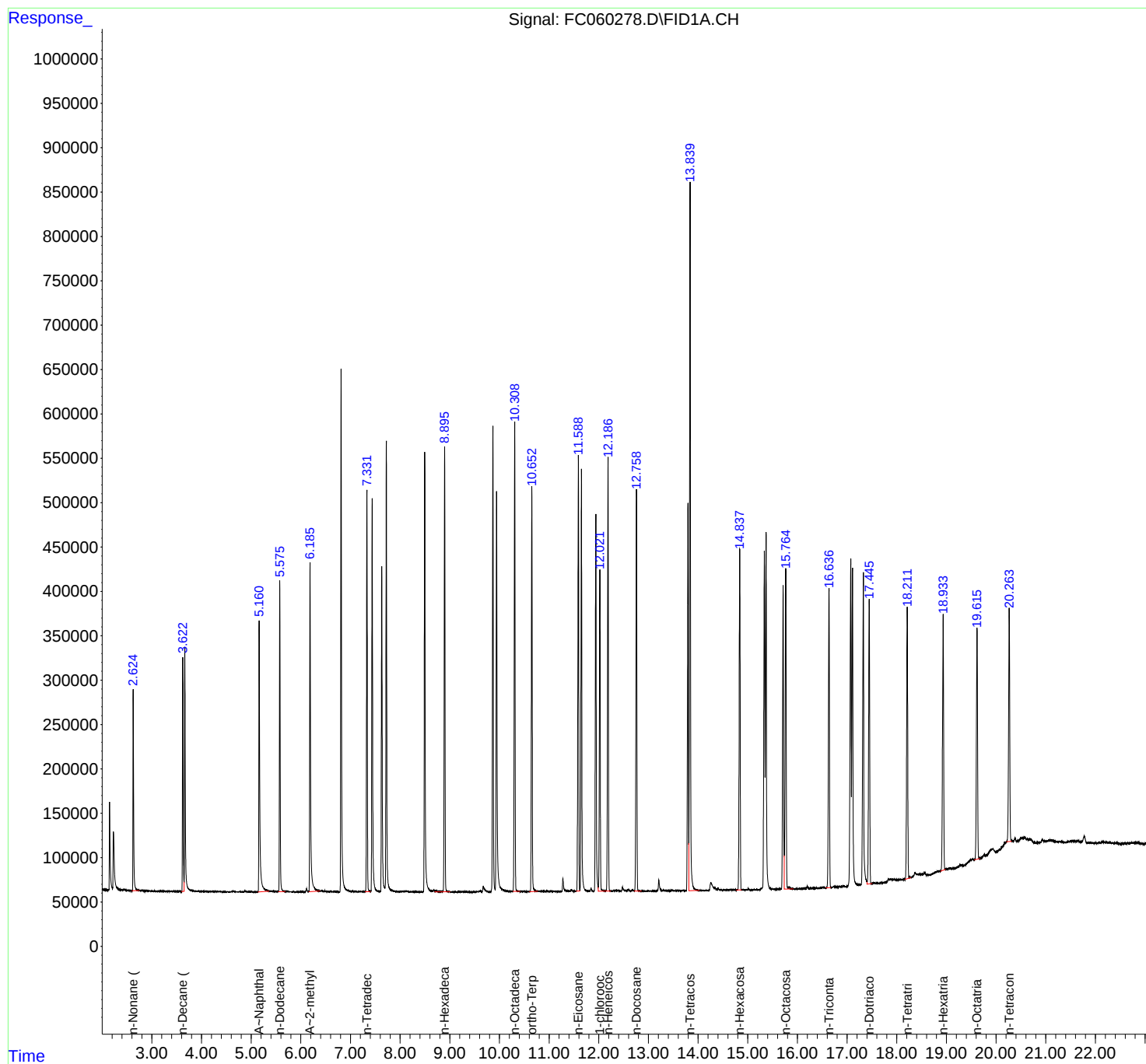
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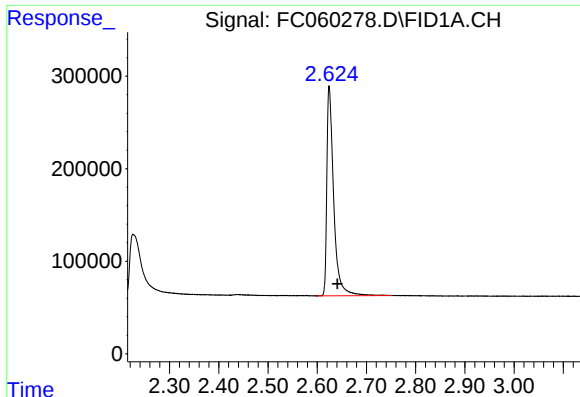
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.016 min
Response: 2201321
Conc: 17.20 ug/ml

Instrument :

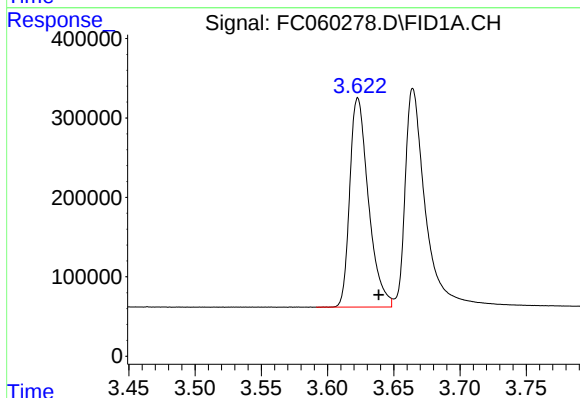
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ClientSampleId :

PALMYRA-RT-73-COMP-2MSD

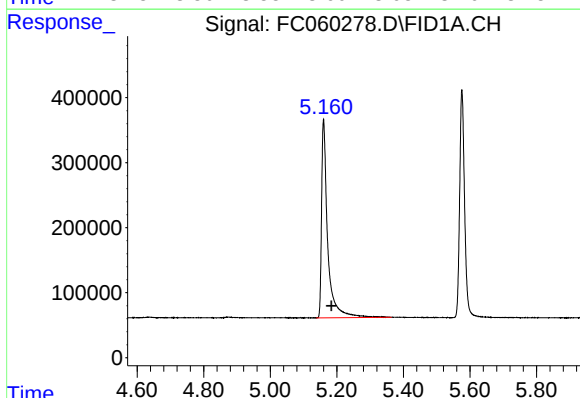
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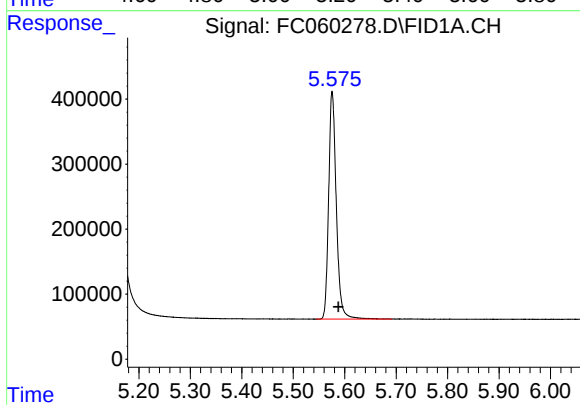
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.015 min
Response: 2582263
Conc: 20.18 ug/ml



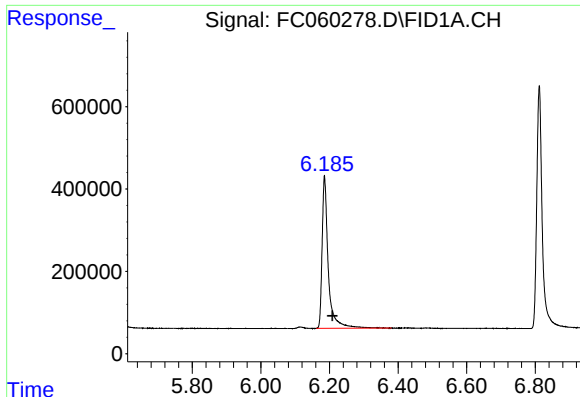
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.023 min
Response: 3896502
Conc: 26.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 3615433
Conc: 27.12 ug/ml



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

R.T.: 6.186 min
Delta R.T.: -0.023 min
Response: 4622496
Conc: 31.50 ug/ml

Instrument :

FID_C

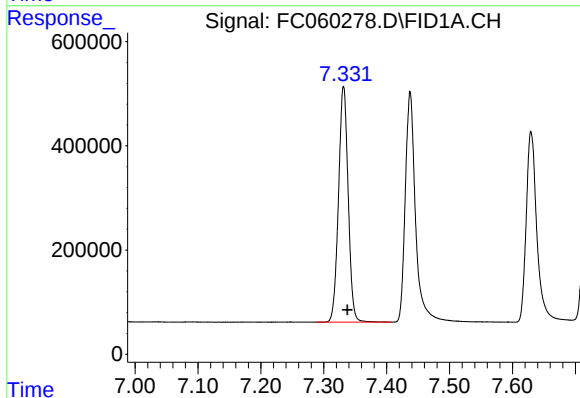
ClientSampleId :

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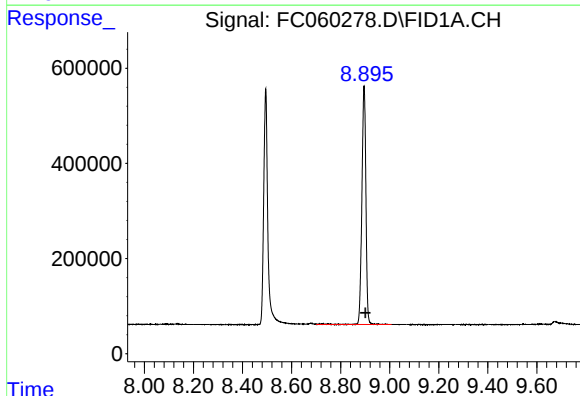
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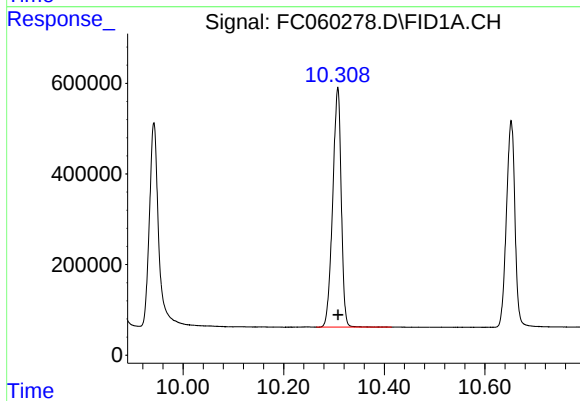
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 4821693
Conc: 35.32 ug/ml



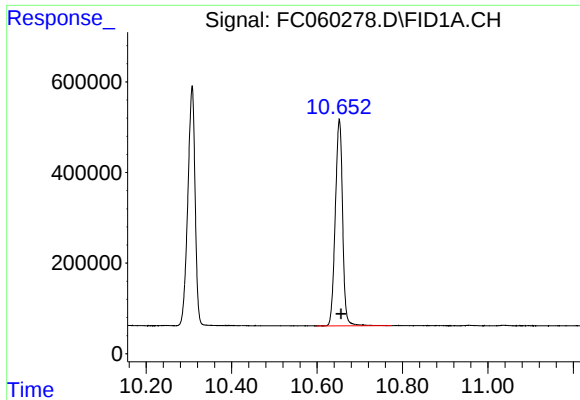
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.006 min
Response: 5733434
Conc: 40.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.307 min
Delta R.T.: -0.002 min
Response: 6228618
Conc: 43.52 ug/ml



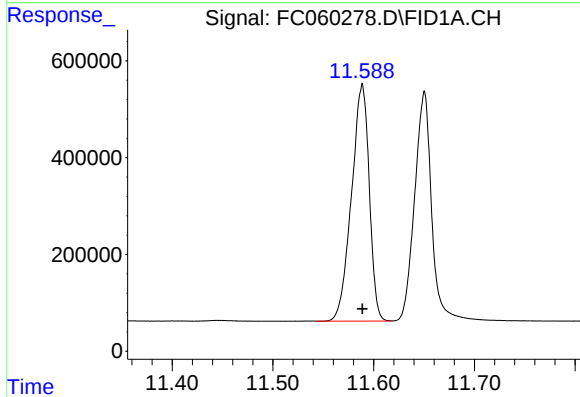
#9 ortho-Terphenyl (SURR)

R.T.: 10.652 min
Delta R.T.: -0.004 min
Response: 5407740
Conc: 34.75 ug/ml

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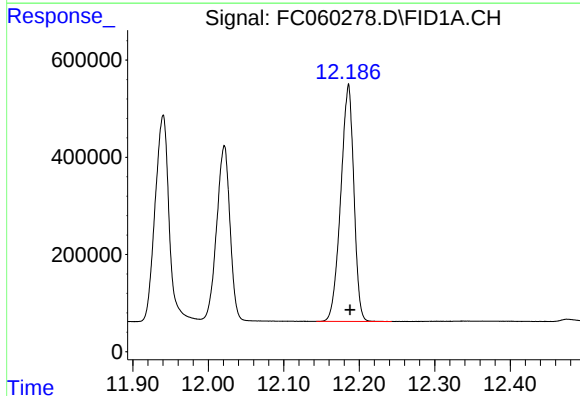
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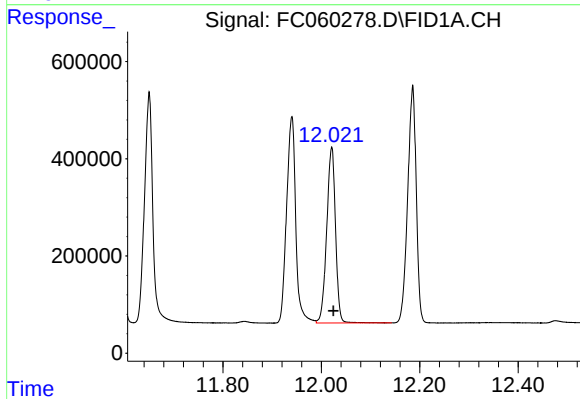
#10 n-Eicosane (C20)

R.T.: 11.588 min
Delta R.T.: -0.001 min
Response: 5986806
Conc: 41.96 ug/ml



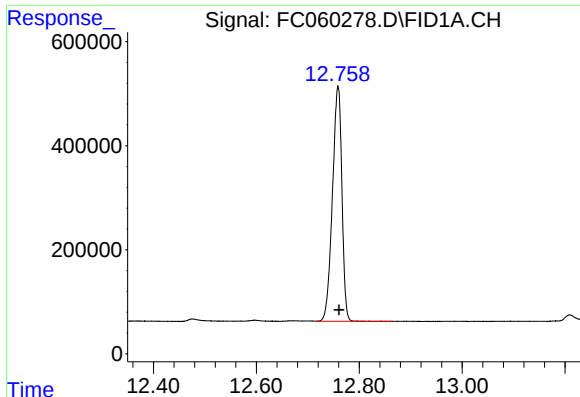
#11 n-Heneicosane (C21)

R.T.: 12.185 min
Delta R.T.: -0.003 min
Response: 5889061
Conc: 41.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.021 min
Delta R.T.: -0.004 min
Response: 4501649
Conc: 36.31 ug/ml



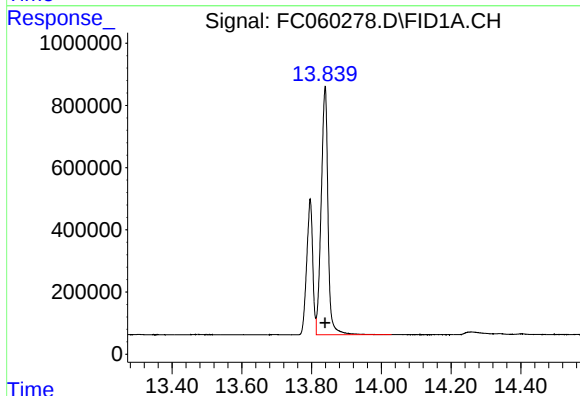
#13 n-Docosane (C22)

R.T.: 12.758 min
Delta R.T.: -0.003 min
Response: 5778475
Conc: 40.55 ug/ml

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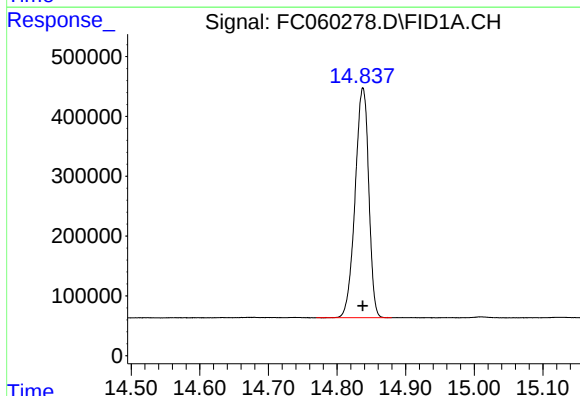
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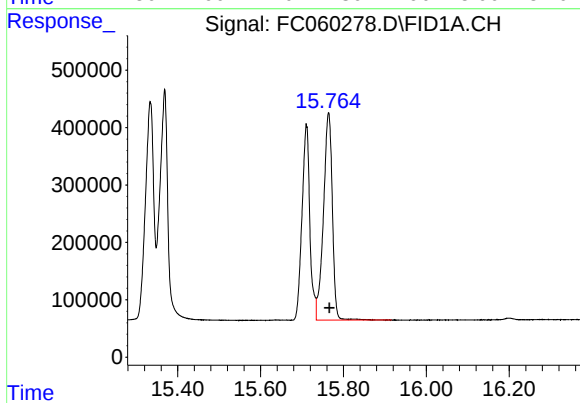
#14 n-Tetracosane (C24)

R.T.: 13.838 min
Delta R.T.: -0.002 min
Response: 10821032
Conc: 77.11 ug/ml



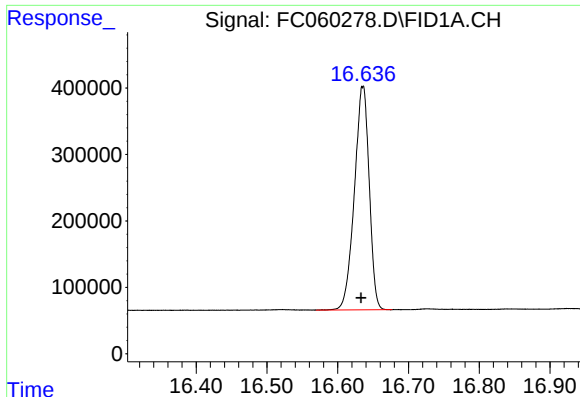
#15 n-Hexacosane (C26)

R.T.: 14.837 min
Delta R.T.: 0.000 min
Response: 5291416
Conc: 39.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.763 min
Delta R.T.: -0.003 min
Response: 5397604
Conc: 41.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.635 min
Delta R.T.: 0.002 min
Response: 4888826
Conc: 39.93 ug/ml

Instrument :

FID_C

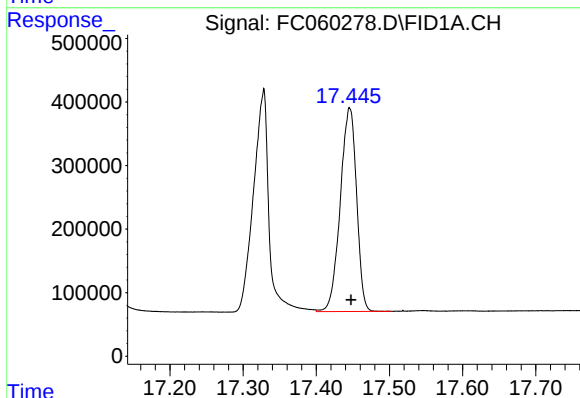
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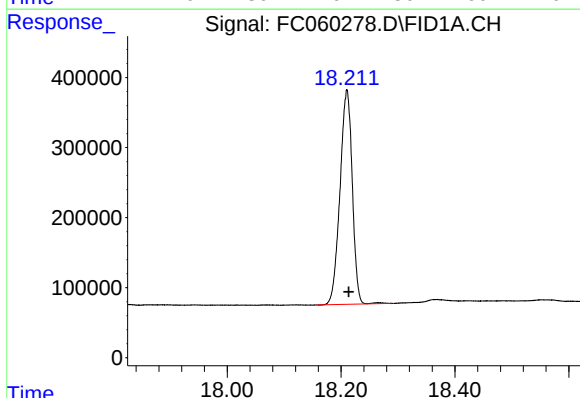
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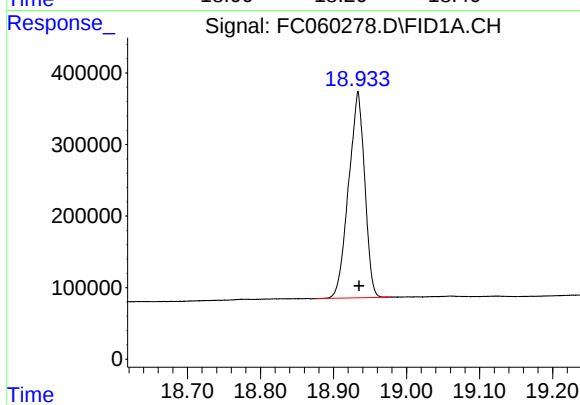
#18 n-Dotriacontane (C32)

R.T.: 17.445 min
Delta R.T.: -0.003 min
Response: 4962312
Conc: 44.51 ug/ml



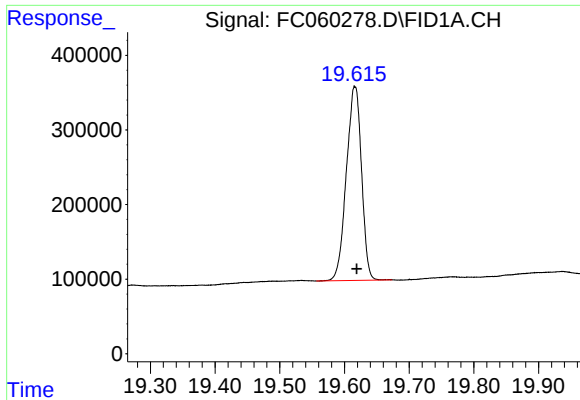
#19 n-Tetratriacontane (C34)

R.T.: 18.210 min
Delta R.T.: -0.003 min
Response: 4585749
Conc: 44.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.933 min
Delta R.T.: -0.002 min
Response: 4423839
Conc: 46.71 ug/ml



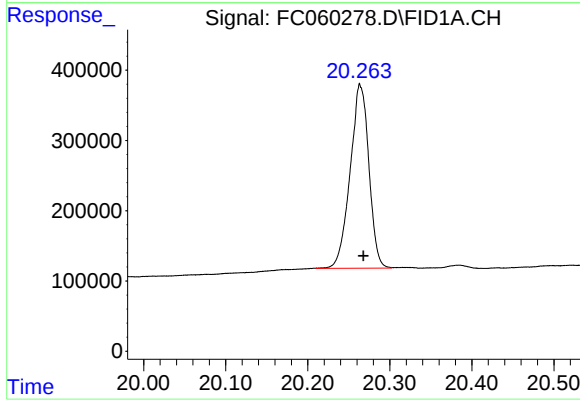
#21 n-Octatriacontane (C38)

R.T.: 19.616 min
Delta R.T.: -0.004 min
Response: 4237389
Conc: 45.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.005 min
Response: 4149255
Conc: 44.10 ug/ml m