

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031422AL\
 Data File : FC058730.D
 Signal(s) : FID1A.CH
 Acq On : 15 Mar 2022 4:29
 Operator : UA/NP
 Sample : N1914-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: autoint1.e
 Quant Time: Mar 15 06:41:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.401	3513232	24.121 ug/ml
Spiked Amount 50.000		Recovery =	48.24%
12) S 1-chlorooctadecane (S...	12.831	2638255	23.275 ug/mlm
Spiked Amount 50.000		Recovery =	46.55%
Target Compounds			
1) T n-Nonane (C9)	3.260	3803218	31.627 ug/ml
2) T n-Decane (C10)	4.308	4358640	36.627 ug/ml
3) T A~Naphthalene (C11.7)	5.868	4976981	38.348 ug/ml
4) T n-Dodecane (C12)	6.300	4969257	40.395 ug/ml
5) T A~2-methylnaphthalene...	6.913	5220658	40.045 ug/ml
6) T n-Tetradecane (C14)	8.079	5325262	42.498 ug/ml
7) T n-Hexadecane (C16)	9.664	5423262	42.113 ug/ml
8) T n-Octadecane (C18)	11.095	5547349	42.155 ug/ml
10) T n-Eicosane (C20)	12.394	5353978	40.715 ug/ml
11) T n-Heneicosane (C21)	13.001	5269281	39.871 ug/ml
13) T n-Docosane (C22)	13.583	5192258	39.827 ug/ml
14) T n-Tetracosane (C24)	14.676	5383369	41.688 ug/mlm
15) T n-Hexacosane (C26)	15.694	4963786	40.127 ug/ml
16) T n-Octacosane (C28)	16.636	4839384	40.656 ug/mlm
17) T n-Tricontane (C30)	17.521	4792421	42.575 ug/ml
18) T n-Dotriacontane (C32)	18.348	4784748	44.496 ug/ml
19) T n-Tetratriacontane (C34)	19.128	4915632	50.734 ug/ml
20) T n-Hexatriacontane (C36)	19.864	4897316	54.284 ug/ml
21) T n-Octatriacontane (C38)	20.570	4913625	56.463 ug/ml
22) T n-Tetracontane (C40)	21.397	4981669	59.364 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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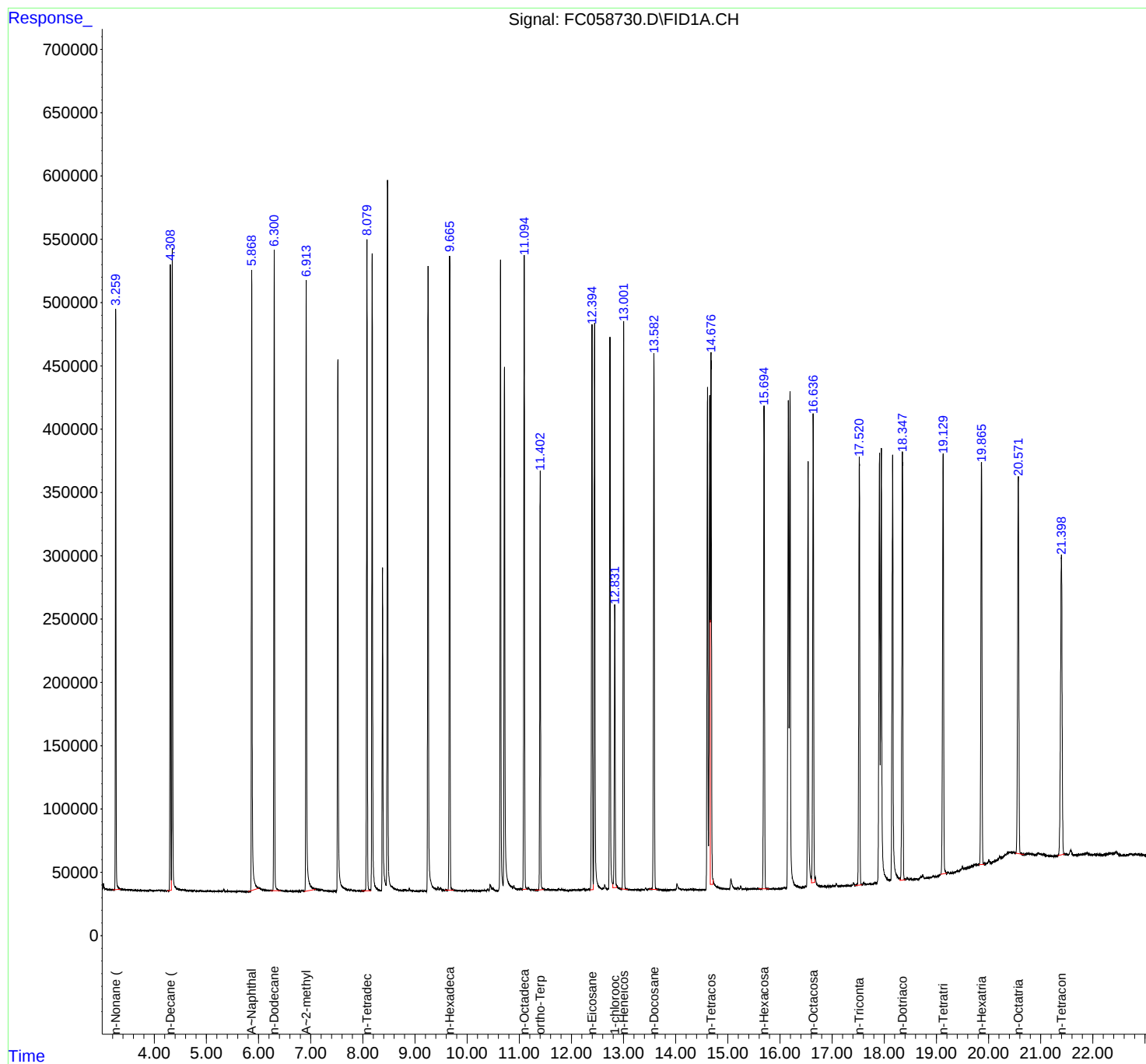
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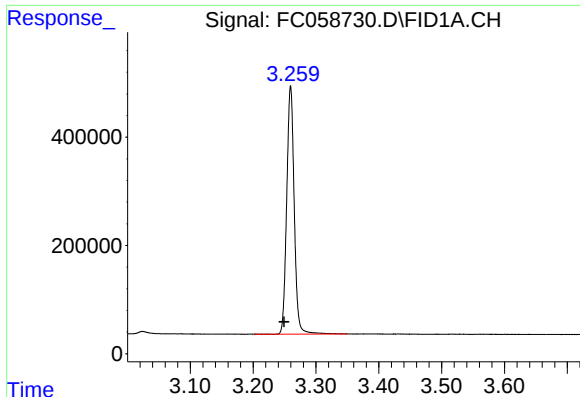
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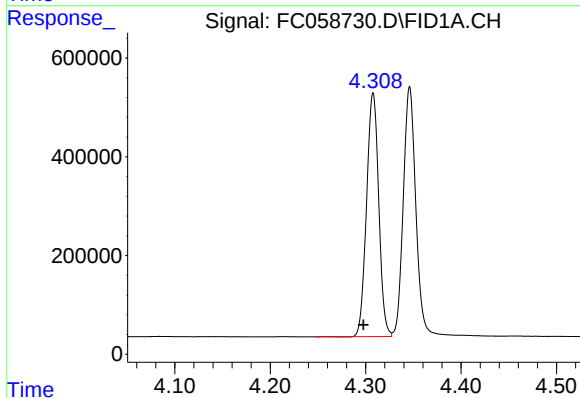
#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: 0.011 min
Response: 3803218
Conc: 31.63 ug/ml

Instrument :
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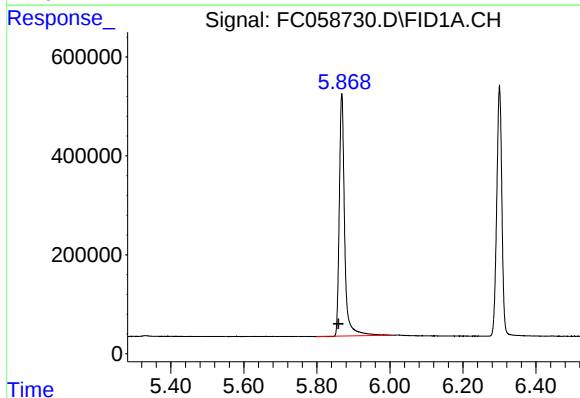
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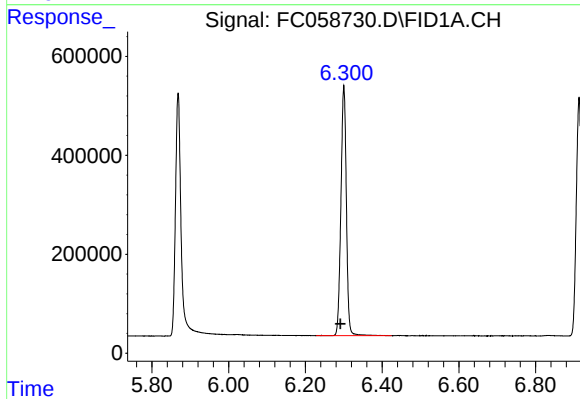
#2 n-Decane (C10)

R.T.: 4.308 min
Delta R.T.: 0.010 min
Response: 4358640
Conc: 36.63 ug/ml



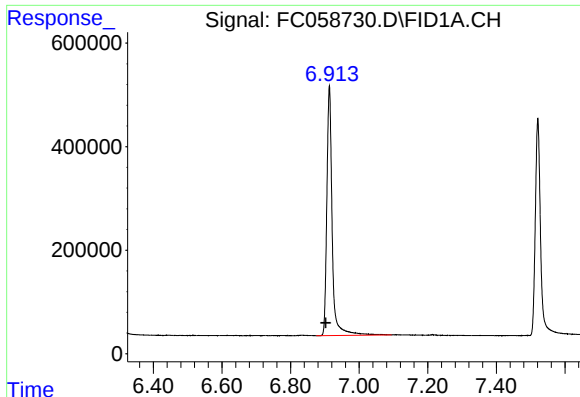
#3 A~Naphthalene (C11.7)

R.T.: 5.868 min
Delta R.T.: 0.009 min
Response: 4976981
Conc: 38.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.300 min
Delta R.T.: 0.009 min
Response: 4969257
Conc: 40.39 ug/ml



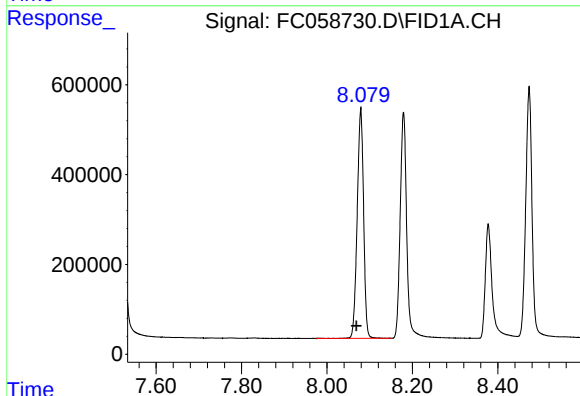
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: 0.010 min
Response: 5220658
Conc: 40.04 ug/ml

Instrument :
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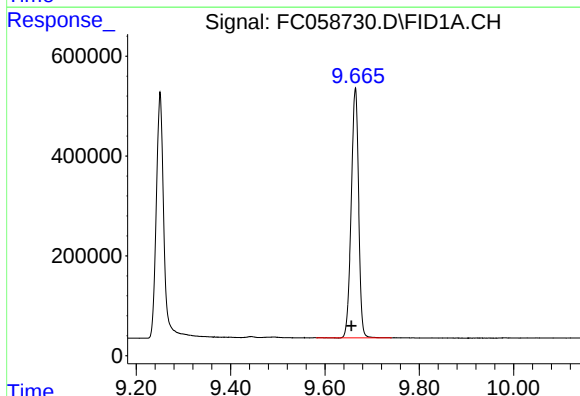
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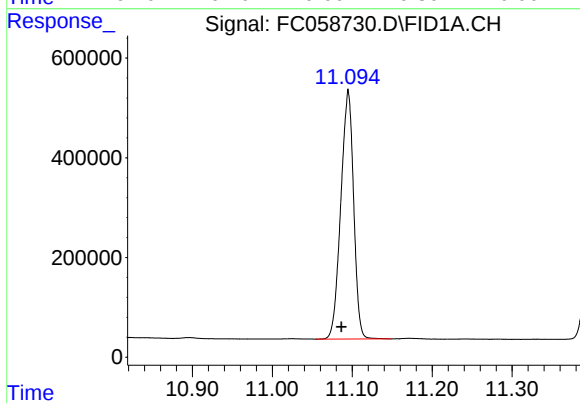
#6 n-Tetradecane (C14)

R.T.: 8.079 min
Delta R.T.: 0.010 min
Response: 5325262
Conc: 42.50 ug/ml



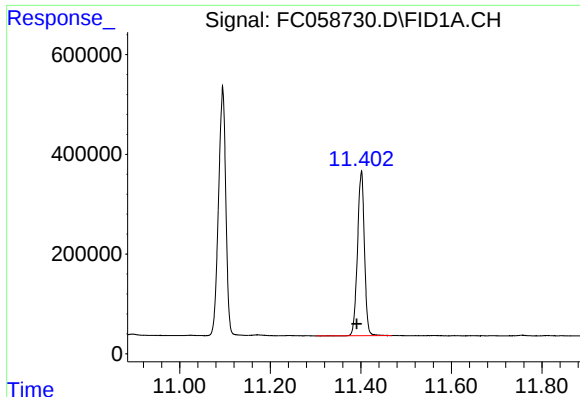
#7 n-Hexadecane (C16)

R.T.: 9.664 min
Delta R.T.: 0.008 min
Response: 5423262
Conc: 42.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.095 min
Delta R.T.: 0.008 min
Response: 5547349
Conc: 42.16 ug/ml



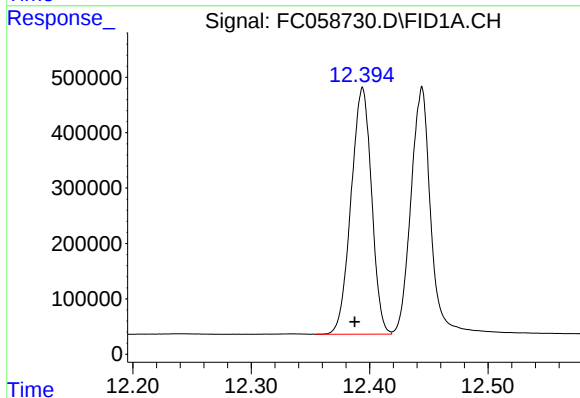
#9 ortho-Terphenyl (SURR)

R.T.: 11.401 min
Delta R.T.: 0.010 min
Response: 3513232
Conc: 24.12 ug/ml

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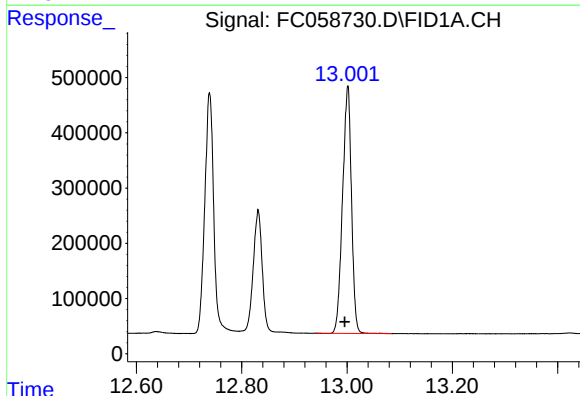
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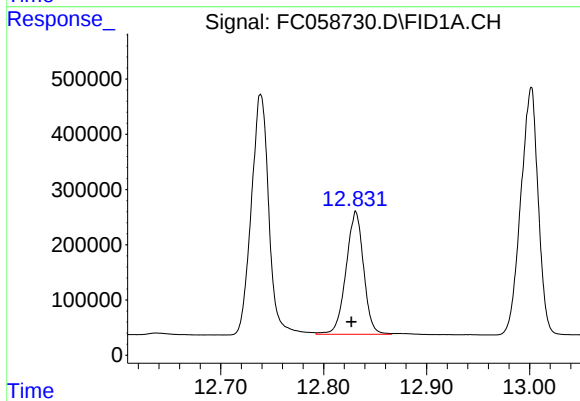
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: 0.006 min
Response: 5353978
Conc: 40.72 ug/ml



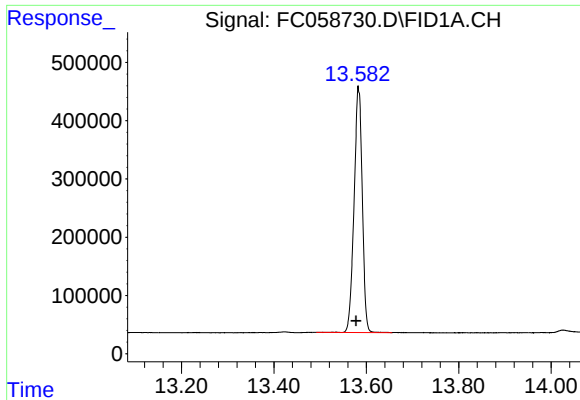
#11 n-Heneicosane (C21)

R.T.: 13.001 min
Delta R.T.: 0.005 min
Response: 5269281
Conc: 39.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.831 min
Delta R.T.: 0.004 min
Response: 2638255
Conc: 23.28 ug/ml m



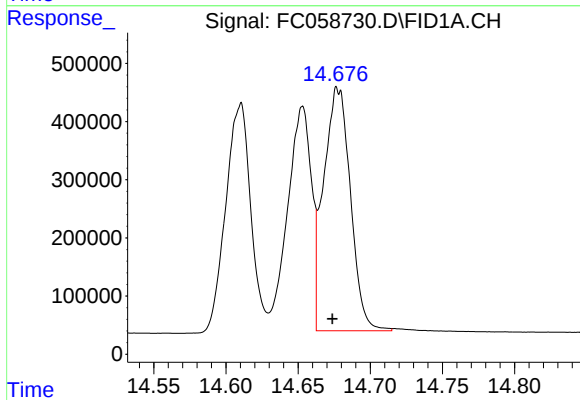
#13 n-Docosane (C22)

R.T.: 13.583 min
Delta R.T.: 0.005 min
Response: 5192258
Conc: 39.83 ug/ml

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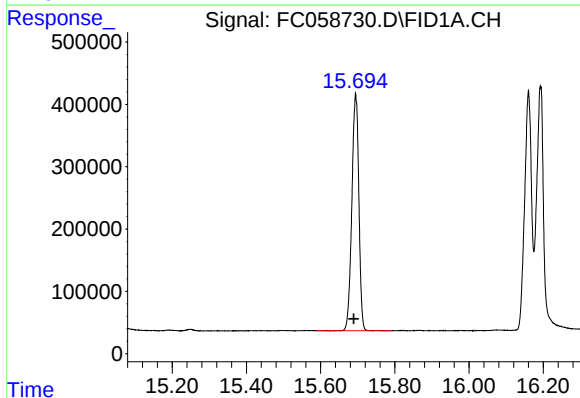
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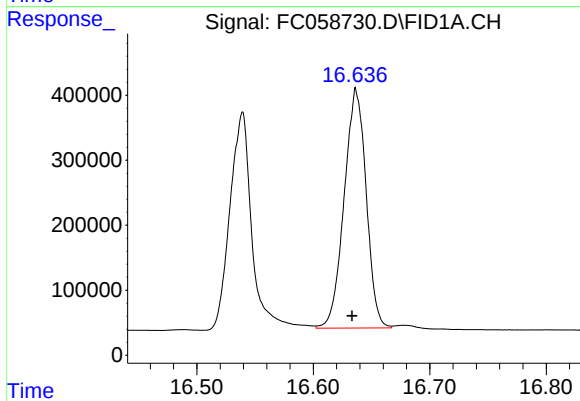
#14 n-Tetracosane (C24)

R.T.: 14.676 min
Delta R.T.: 0.002 min
Response: 5383369
Conc: 41.69 ug/ml m



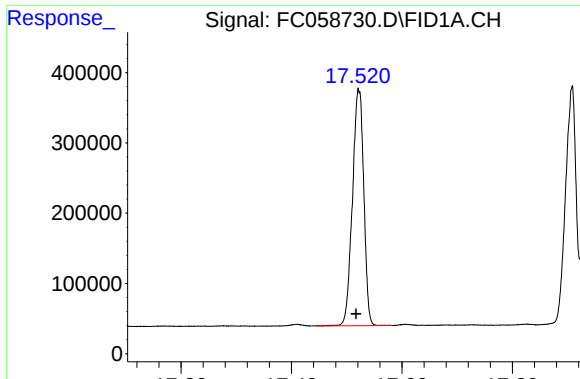
#15 n-Hexacosane (C26)

R.T.: 15.694 min
Delta R.T.: 0.005 min
Response: 4963786
Conc: 40.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.636 min
Delta R.T.: 0.003 min
Response: 4839384
Conc: 40.66 ug/ml m



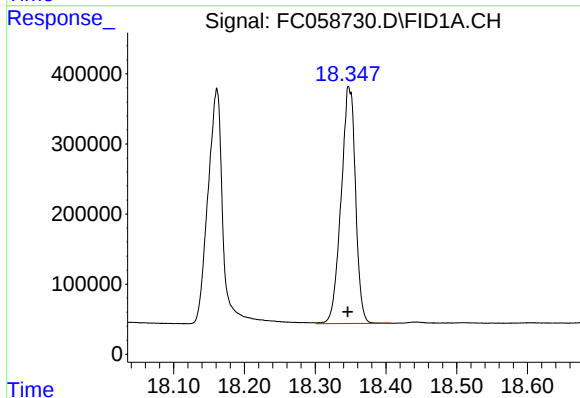
#17 n-Tricontane (C30)

R.T.: 17.521 min
Delta R.T.: 0.004 min
Response: 4792421
Conc: 42.58 ug/ml

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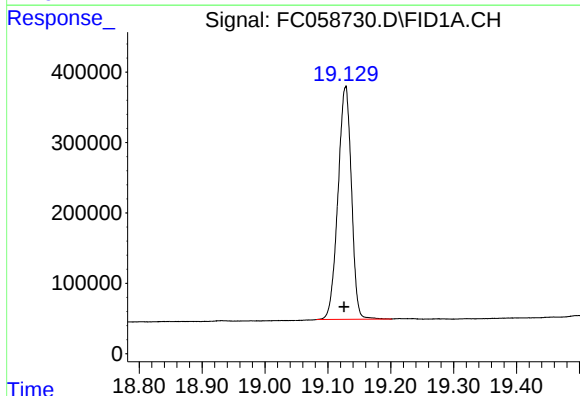
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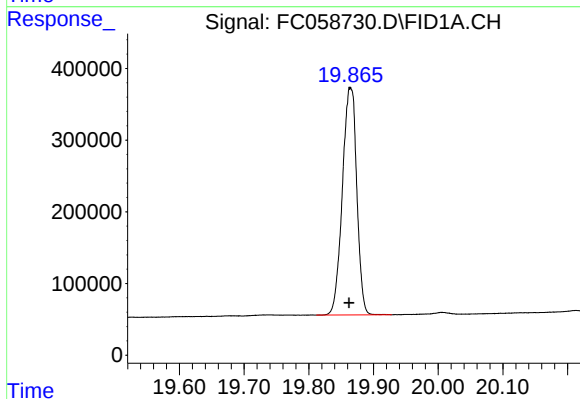
#18 n-Dotriacontane (C32)

R.T.: 18.348 min
Delta R.T.: 0.002 min
Response: 4784748
Conc: 44.50 ug/ml



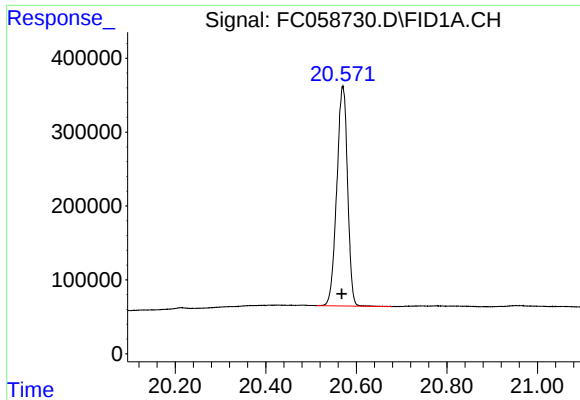
#19 n-Tetratriacontane (C34)

R.T.: 19.128 min
Delta R.T.: 0.002 min
Response: 4915632
Conc: 50.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.864 min
Delta R.T.: 0.002 min
Response: 4897316
Conc: 54.28 ug/ml



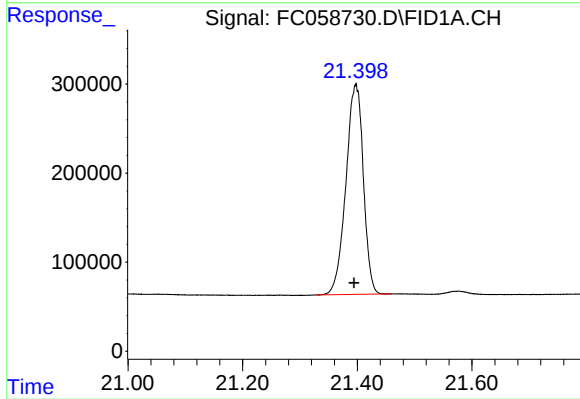
#21 n-Octatriacontane (C38)

R.T.: 20.570 min
Delta R.T.: 0.002 min
Response: 4913625
Conc: 56.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.397 min
Delta R.T.: 0.002 min
Response: 4981669
Conc: 59.36 ug/ml