

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058395.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2022 14:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2022
 Supervised By :Ankita Jodhani 02/22/2022

Integration File: autoint1.e
 Quant Time: Feb 21 15:39:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022122.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 21 15:39:04 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)	11.385	29255136	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.817	22270578	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.363	24902248	20.000 ug/ml
2) T n-Decane (C10)	4.331	25447929	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.845	28012407	20.000 ug/ml
4) T n-Dodecane (C12)	6.280	25637743	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.884	27806881	20.000 ug/ml
6) T n-Tetradecane (C14)	8.055	25775065	20.000 ug/ml
7) T n-Hexadecane (C16)	9.644	25991267	20.000 ug/ml
8) T n-Octadecane (C18)	11.079	26144125	20.000 ug/ml
10) T n-Eicosane (C20)	12.379	25903691	20.000 ug/ml
11) T n-Heneicosane (C21)	12.988	25989224	20.000 ug/ml
13) T n-Docosane (C22)	13.570	25864086	20.000 ug/ml
14) T n-Tetracosane (C24)	14.667	25674032	20.000 ug/ml
15) T n-Hexacosane (C26)	15.683	25220235	20.000 ug/ml
16) T n-Octacosane (C28)	16.628	24649808	20.000 ug/ml
17) T n-Tricontane (C30)	17.512	23804258	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.340	22356823	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.120	20548199	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.855	18674378	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.560	16688884	20.000 ug/ml
22) T n-Tetracontane (C40)	21.379	14584942	20.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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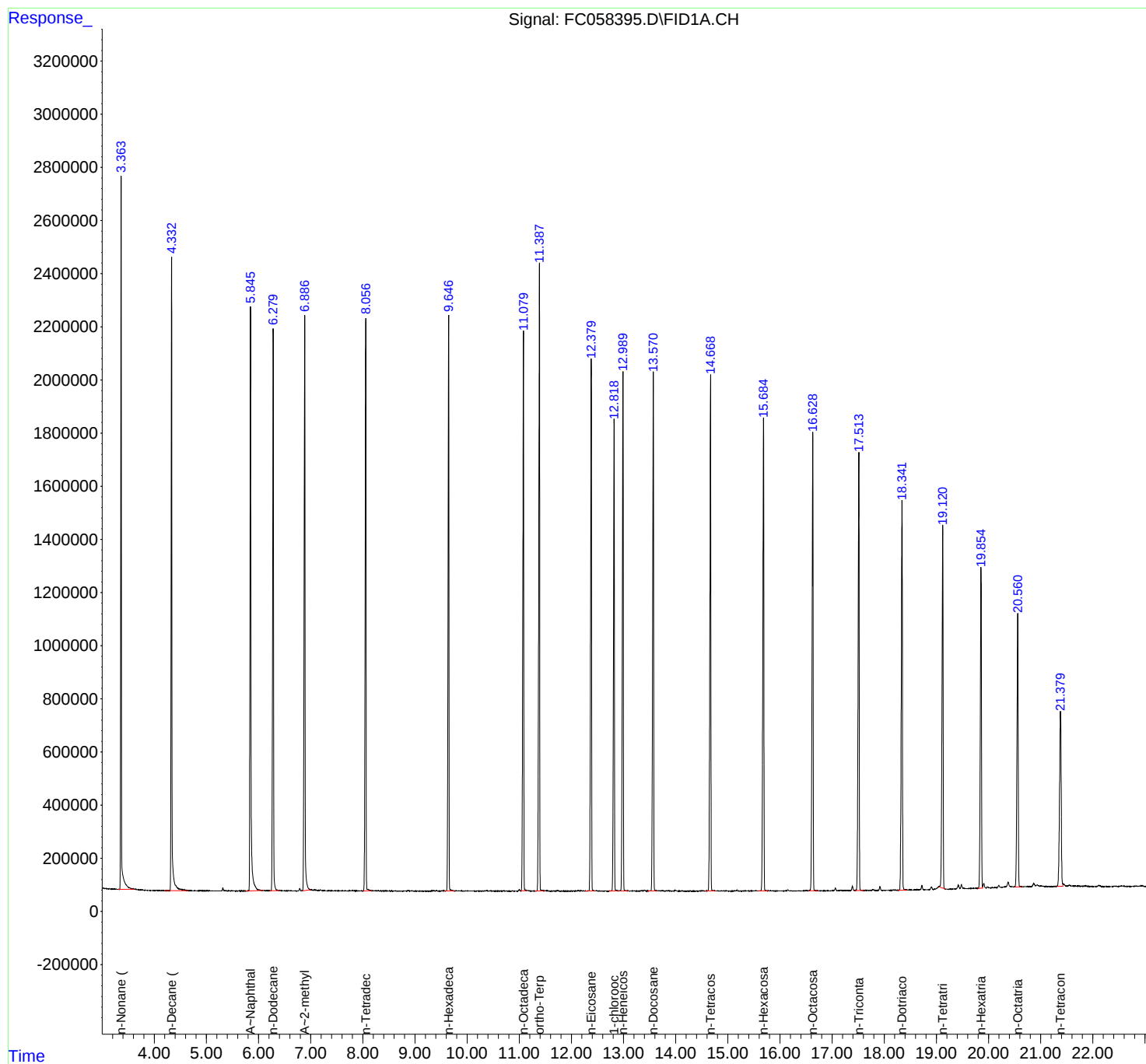
Instrument :
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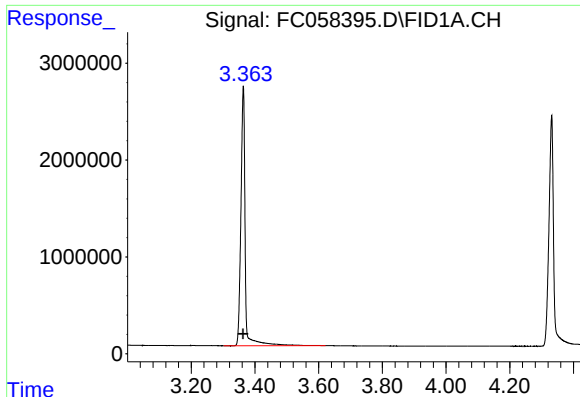
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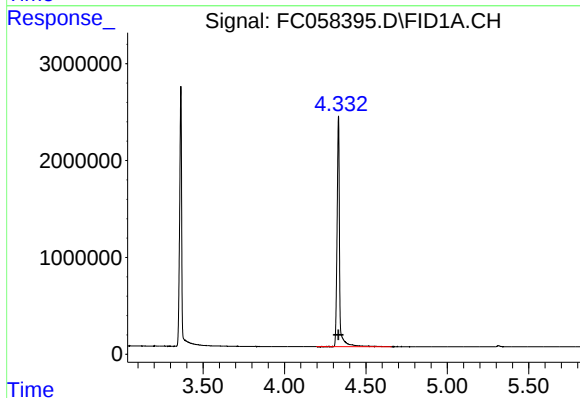
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: 0.000 min
Response: 24902248
Conc: 20.00 ug/ml

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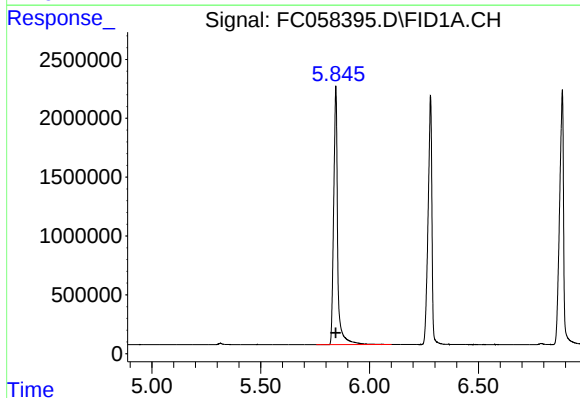
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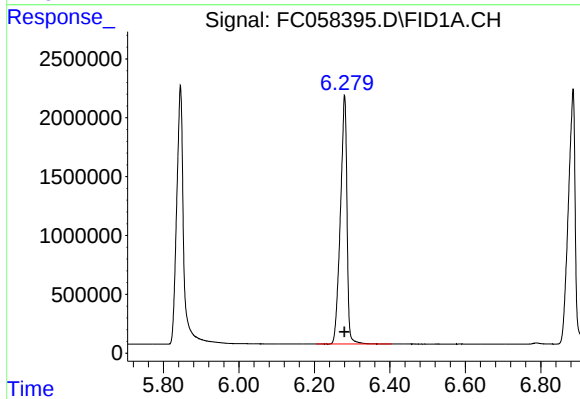
#2 n-Decane (C10)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 25447929
Conc: 20.00 ug/ml



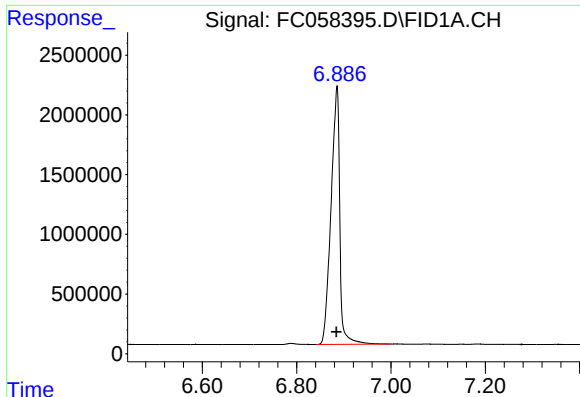
#3 A~Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 28012407
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 25637743
Conc: 20.00 ug/ml



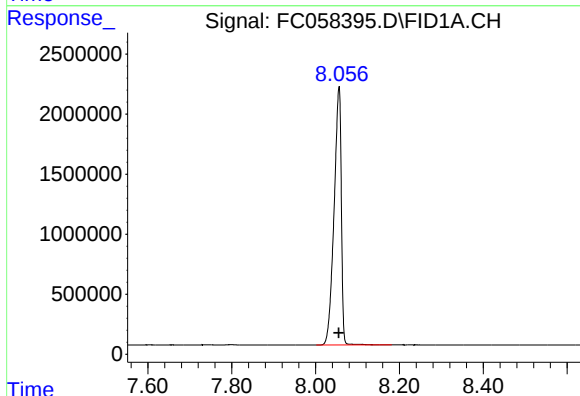
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 27806881
Conc: 20.00 ug/ml

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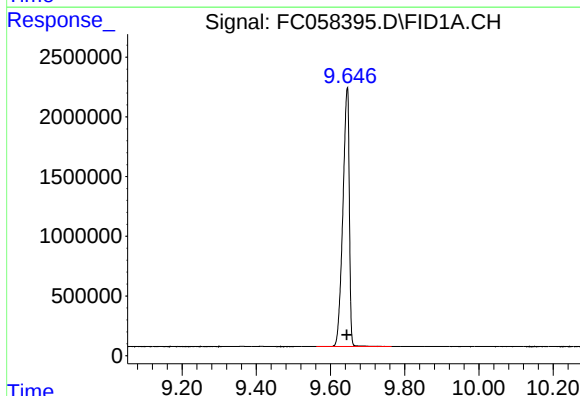
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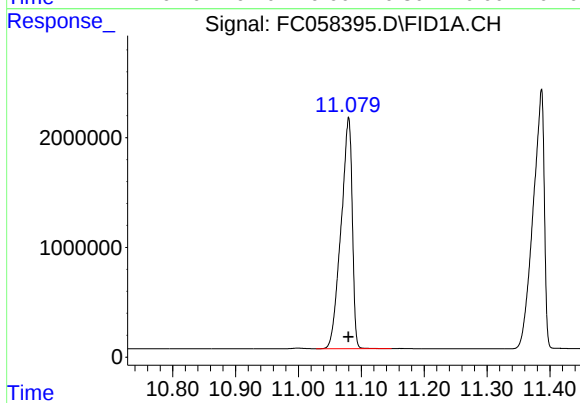
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 25775065
Conc: 20.00 ug/ml



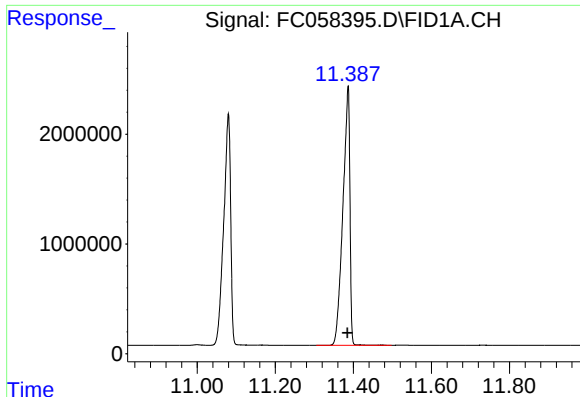
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 25991267
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.079 min
Delta R.T.: 0.000 min
Response: 26144125
Conc: 20.00 ug/ml



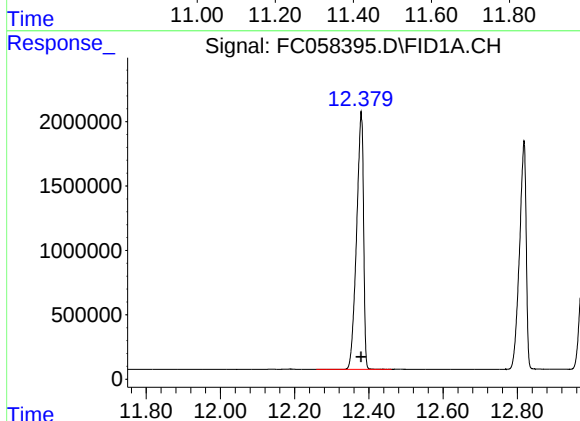
#9 ortho-Terphenyl (SURR)

R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 29255136
Conc: 20.00 ug/ml

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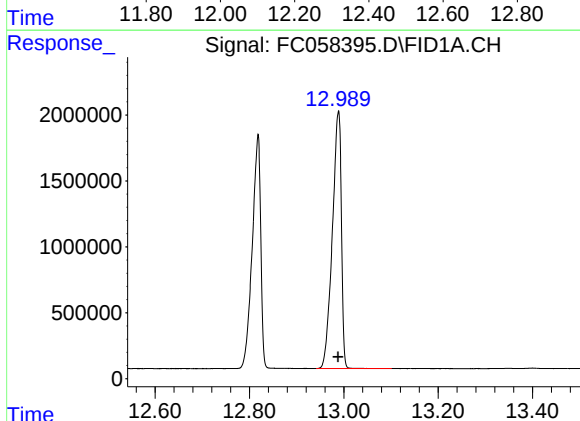
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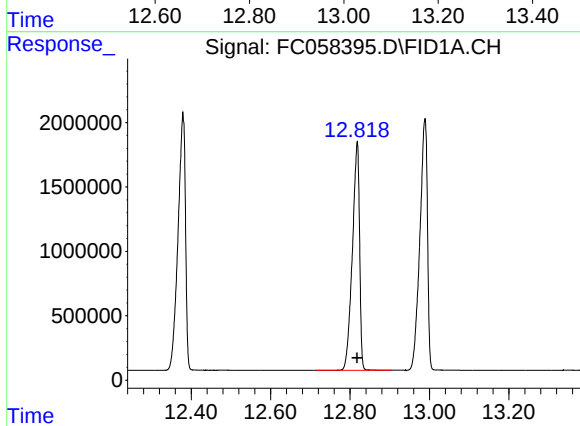
#10 n-Eicosane (C20)

R.T.: 12.379 min
Delta R.T.: 0.000 min
Response: 25903691
Conc: 20.00 ug/ml



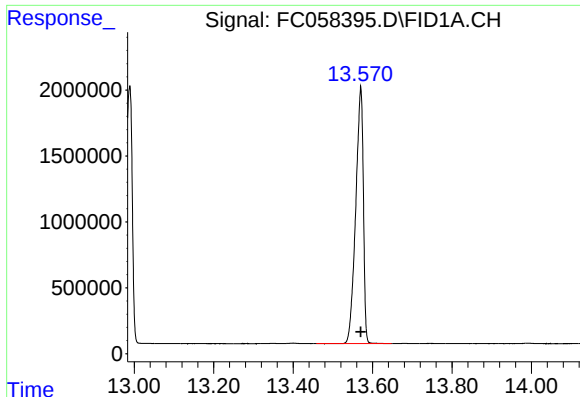
#11 n-Heneicosane (C21)

R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 25989224
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 22270578
Conc: 20.00 ug/ml



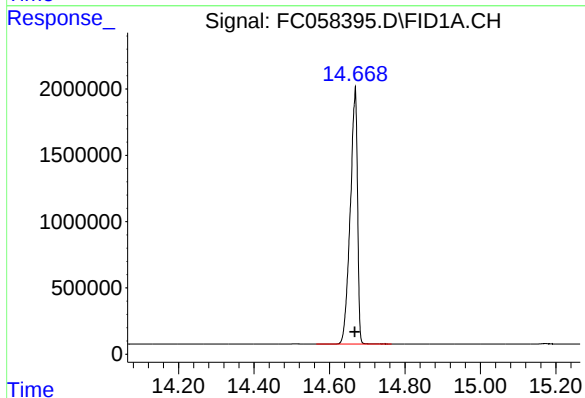
#13 n-Docosane (C22)

R.T.: 13.570 min
Delta R.T.: 0.000 min
Response: 25864086
Conc: 20.00 ug/ml

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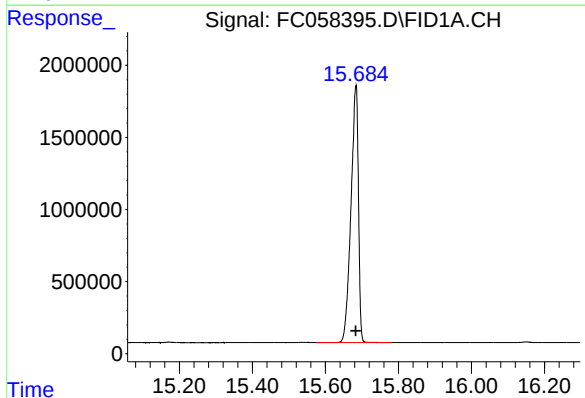
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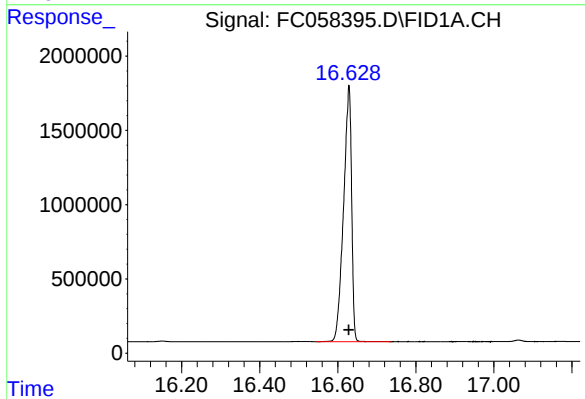
#14 n-Tetracosane (C24)

R.T.: 14.667 min
Delta R.T.: 0.000 min
Response: 25674032
Conc: 20.00 ug/ml



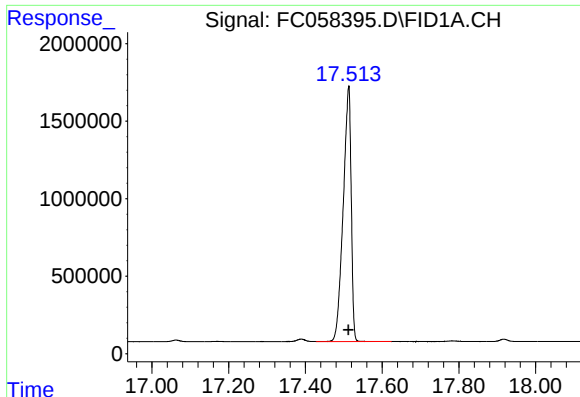
#15 n-Hexacosane (C26)

R.T.: 15.683 min
Delta R.T.: 0.000 min
Response: 25220235
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.628 min
Delta R.T.: 0.000 min
Response: 24649808
Conc: 20.00 ug/ml



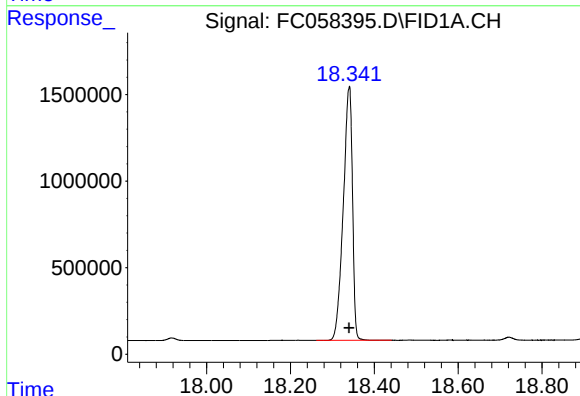
#17 n-Tricontane (C30)

R.T.: 17.512 min
Delta R.T.: 0.000 min
Response: 23804258
Conc: 20.00 ug/ml

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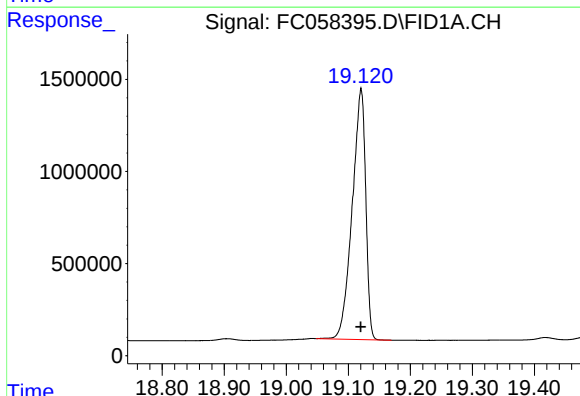
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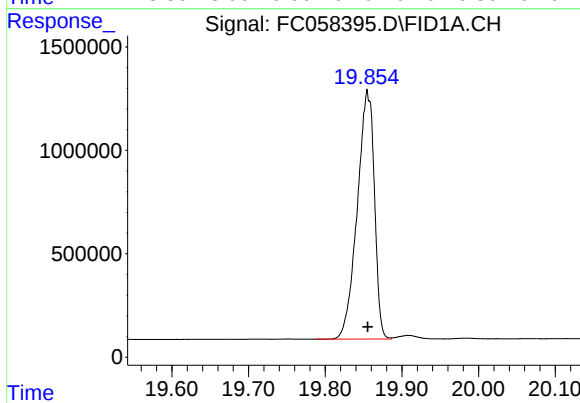
#18 n-Dotriacontane (C32)

R.T.: 18.340 min
Delta R.T.: 0.000 min
Response: 22356823
Conc: 20.00 ug/ml



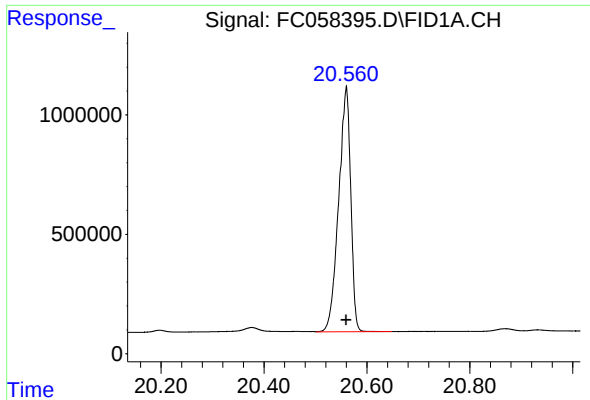
#19 n-Tetratriacontane (C34)

R.T.: 19.120 min
Delta R.T.: 0.000 min
Response: 20548199
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.855 min
Delta R.T.: 0.000 min
Response: 18674378
Conc: 20.00 ug/ml



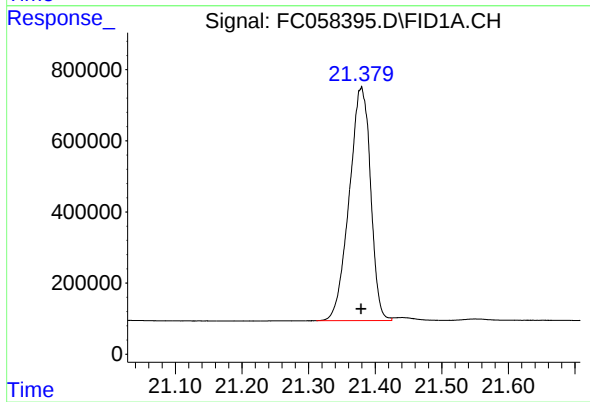
#21 n-Octatriacontane (C38)

R.T.: 20.560 min
Delta R.T.: 0.000 min
Response: 16688884
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.379 min
Delta R.T.: 0.000 min
Response: 14584942
Conc: 20.00 ug/ml