

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
 Data File : FC059734.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2022 5:36
 Operator : UA/NP
 Sample : N2776-02MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CF-280MER-9-5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: sample.E
 Quant Time: May 13 07:06:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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			
12) S 1-chlorooctadecane (S...	12.027	5681845	49.373 ug/ml
Spiked Amount 50.000		Recovery =	98.75%
Target Compounds			
1) T n-Nonane (C9)	2.631	3593671	28.141 ug/ml
2) T n-Decane (C10)	3.631	4429496	34.975 ug/ml
4) T n-Dodecane (C12)	5.586	5318869	40.445 ug/ml
6) T n-Tetradecane (C14)	7.338	5670064	42.138 ug/ml
7) T n-Hexadecane (C16)	8.903	6009162	43.794 ug/ml
8) T n-Octadecane (C18)	10.312	6309934	45.788 ug/ml
10) T n-Eicosane (C20)	11.591	6002233	44.627 ug/ml
11) T n-Heneicosane (C21)	12.190	5917740	44.360 ug/ml
13) T n-Docosane (C22)	12.762	5786501	44.091 ug/ml
14) T n-Tetracosane (C24)	13.840	5591686	44.441 ug/ml
15) T n-Hexacosane (C26)	14.837	5320089	44.546 ug/ml
16) T n-Octacosane (C28)	15.765	5037069	44.245 ug/ml
17) T n-Tricontane (C30)	16.631	4842242	44.051 ug/mlm
18) T n-Dotriacontane (C32)	17.443	4781295	46.249 ug/mlm
19) T n-Tetratriacontane (C34)	18.209	4303644	44.081 ug/mlm
20) T n-Hexatriacontane (C36)	18.931	3989989	42.980 ug/mlm
21) T n-Octatriacontane (C38)	19.612	3818714	40.115 ug/mlm
22) T n-Tetracontane (C40)	20.260	3659537	38.658 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : N2776-02MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

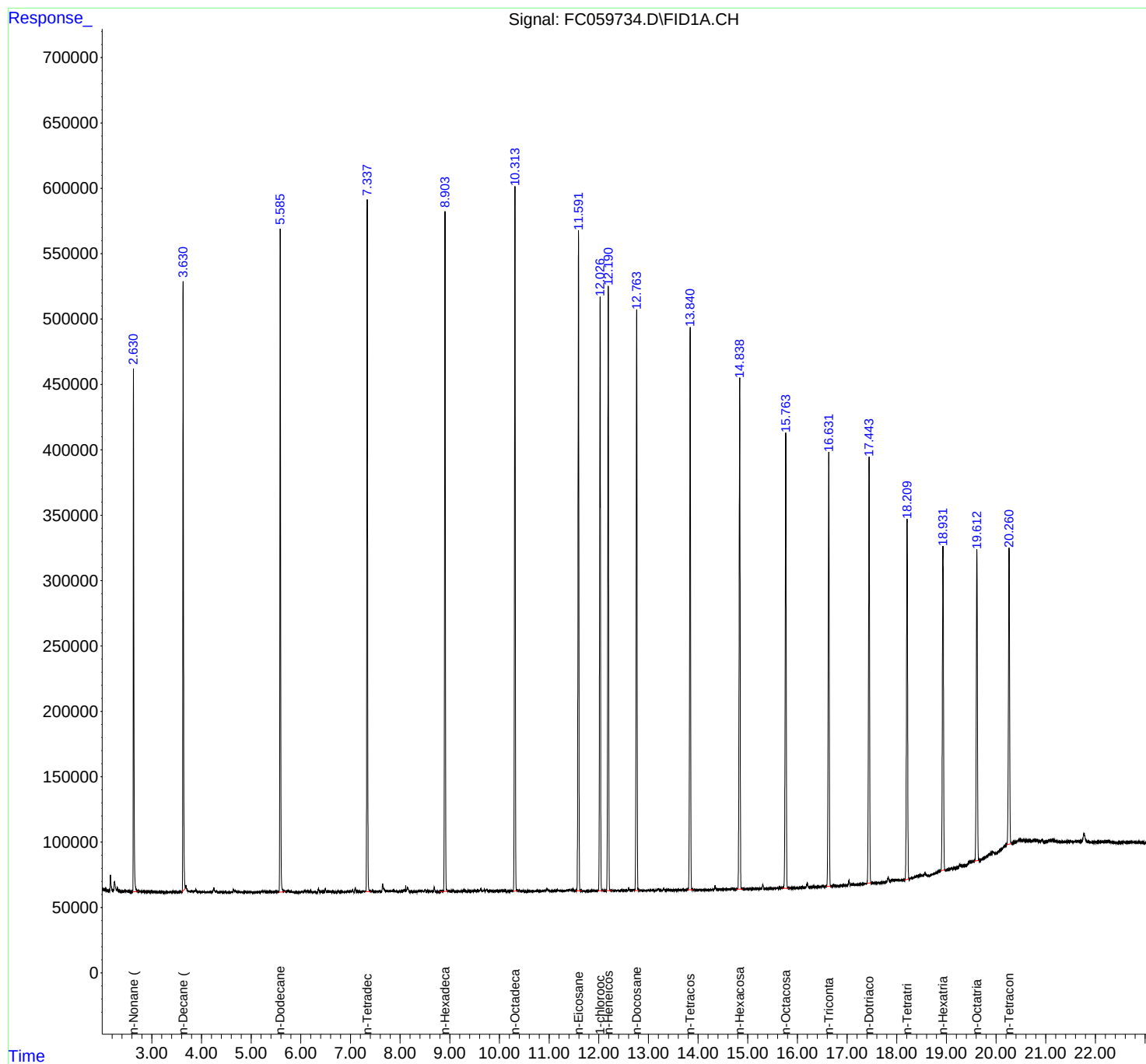
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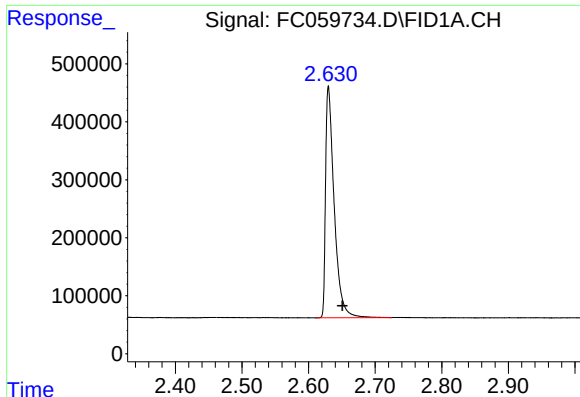
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#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.020 min
Response: 3593671
Conc: 28.14 ug/ml

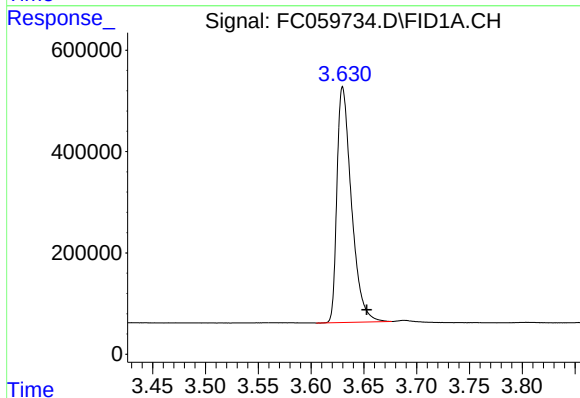
Instrument :

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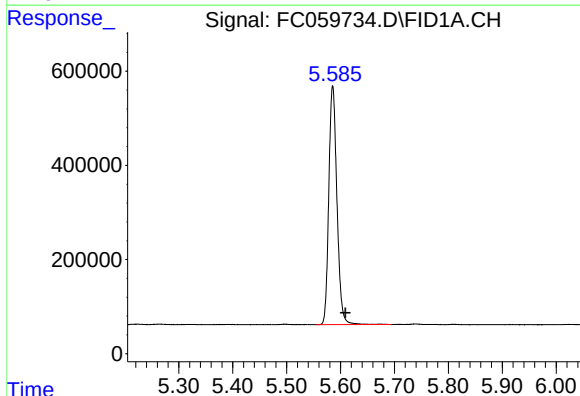
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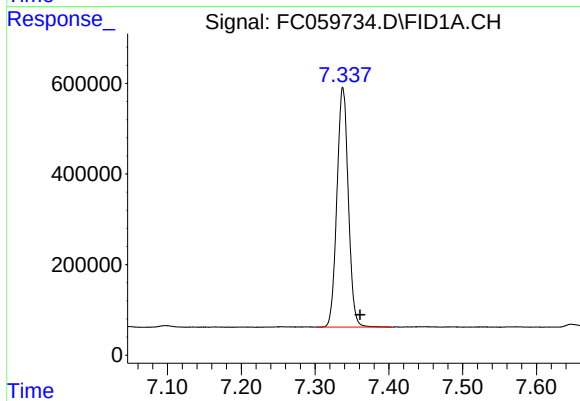
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: -0.022 min
Response: 4429496
Conc: 34.98 ug/ml



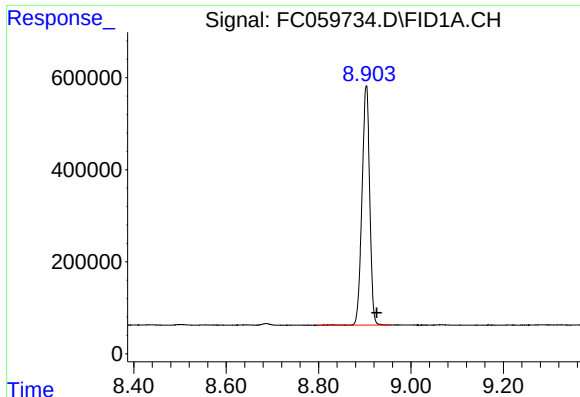
#4 n-Dodecane (C12)

R.T.: 5.586 min
Delta R.T.: -0.023 min
Response: 5318869
Conc: 40.45 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.338 min
Delta R.T.: -0.023 min
Response: 5670064
Conc: 42.14 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.903 min
Delta R.T.: -0.022 min
Response: 6009162
Conc: 43.79 ug/ml

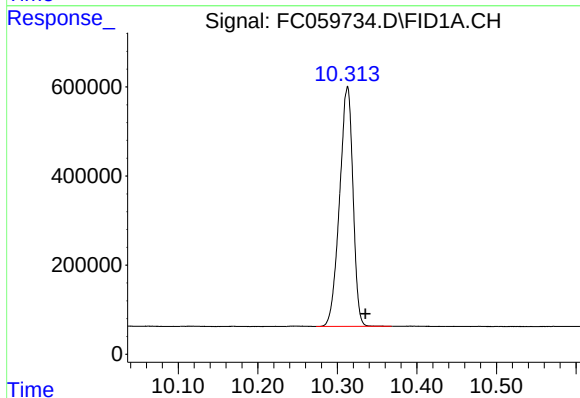
Instrument :

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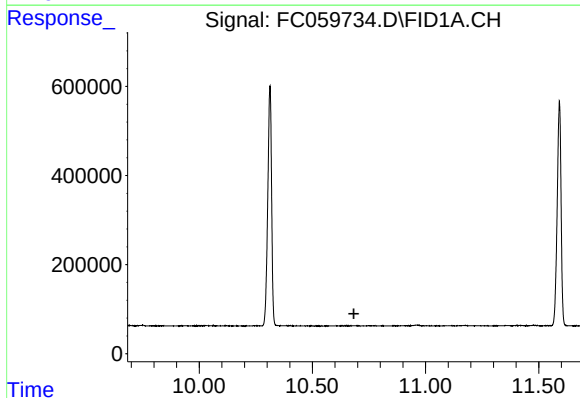
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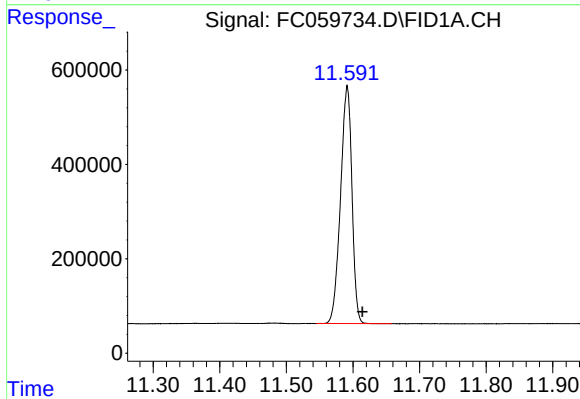
#8 n-Octadecane (C18)

R.T.: 10.312 min
Delta R.T.: -0.023 min
Response: 6309934
Conc: 45.79 ug/ml



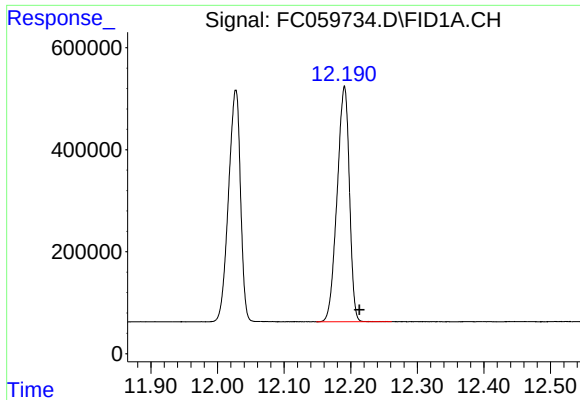
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.683 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.591 min
Delta R.T.: -0.023 min
Response: 6002233
Conc: 44.63 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.190 min
Delta R.T.: -0.023 min
Response: 5917740
Conc: 44.36 ug/ml

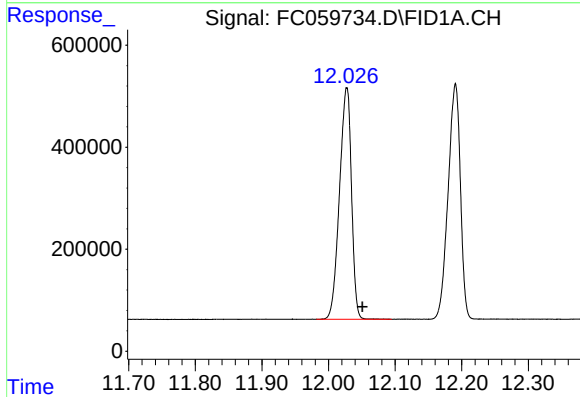
Instrument :

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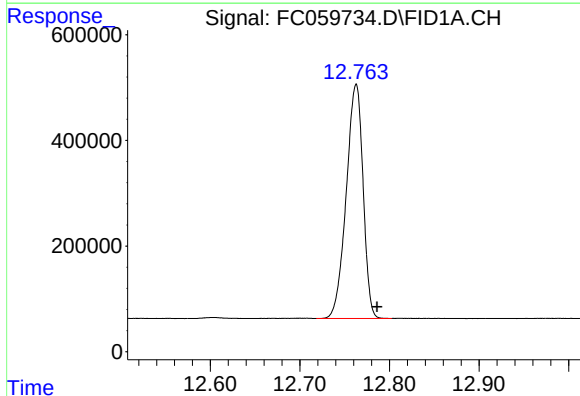
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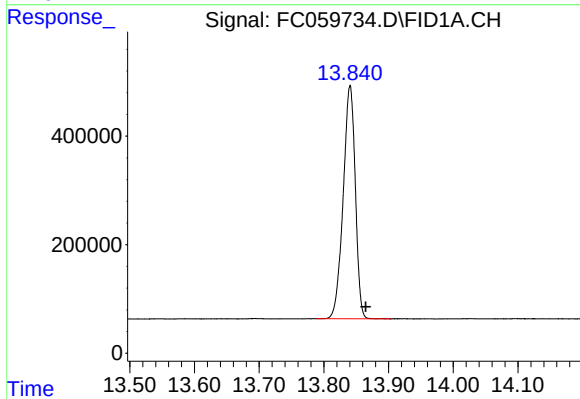
#12 1-chlorooctadecane (SURR)

R.T.: 12.027 min
Delta R.T.: -0.024 min
Response: 5681845
Conc: 49.37 ug/ml



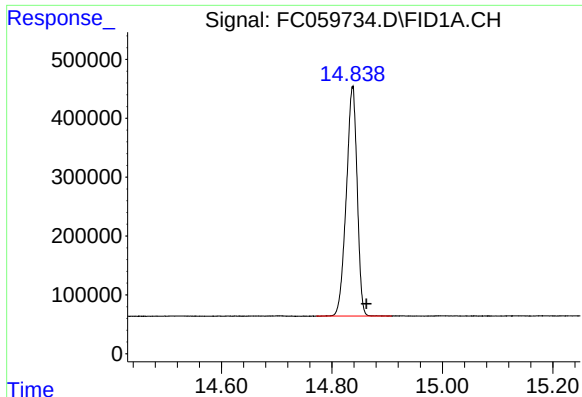
#13 n-Docosane (C22)

R.T.: 12.762 min
Delta R.T.: -0.024 min
Response: 5786501
Conc: 44.09 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.840 min
Delta R.T.: -0.024 min
Response: 5591686
Conc: 44.44 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.837 min
Delta R.T.: -0.026 min
Response: 5320089
Conc: 44.55 ug/ml

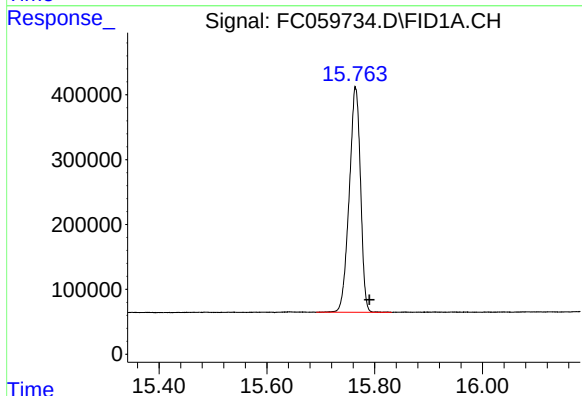
Instrument :

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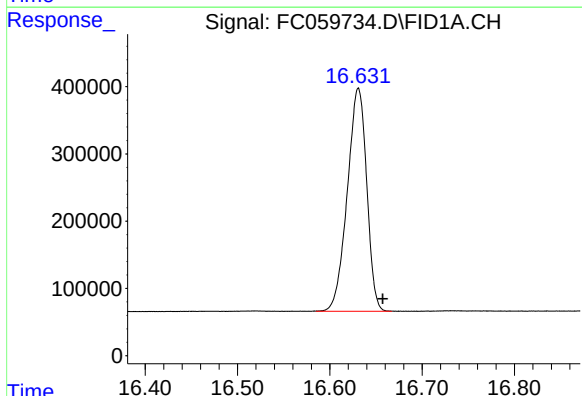
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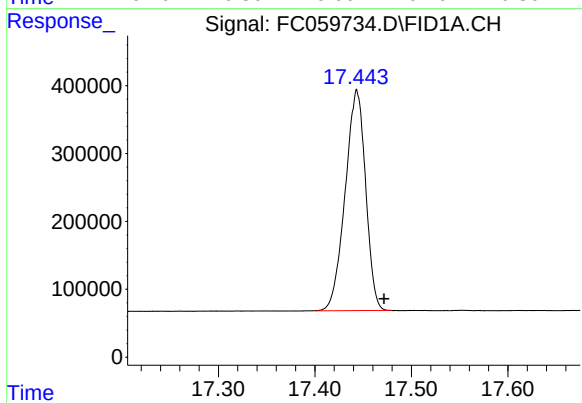
#16 n-Octacosane (C28)

R.T.: 15.765 min
Delta R.T.: -0.026 min
Response: 5037069
Conc: 44.24 ug/ml



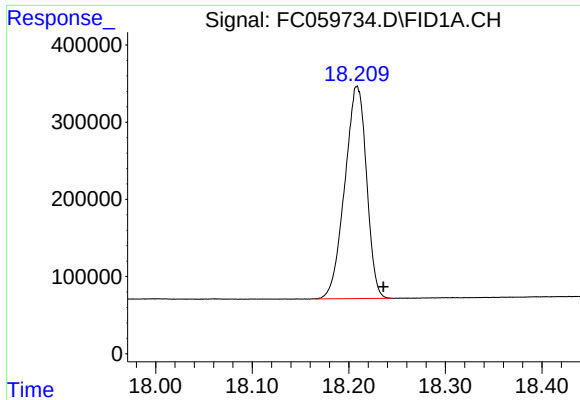
#17 n-Tricontane (C30)

R.T.: 16.631 min
Delta R.T.: -0.026 min
Response: 4842242
Conc: 44.05 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.443 min
Delta R.T.: -0.029 min
Response: 4781295
Conc: 46.25 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 18.209 min
Delta R.T.: -0.027 min
Response: 4303644
Conc: 44.08 ug/ml

Instrument :

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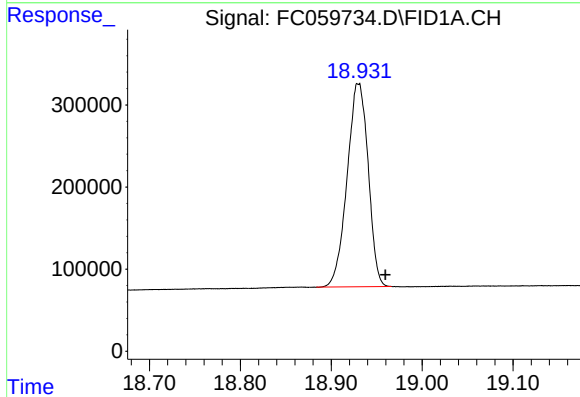
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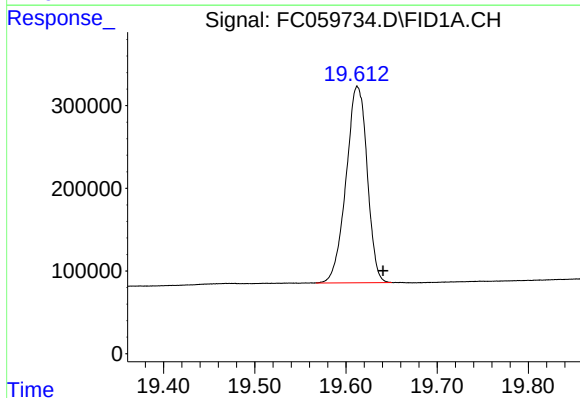
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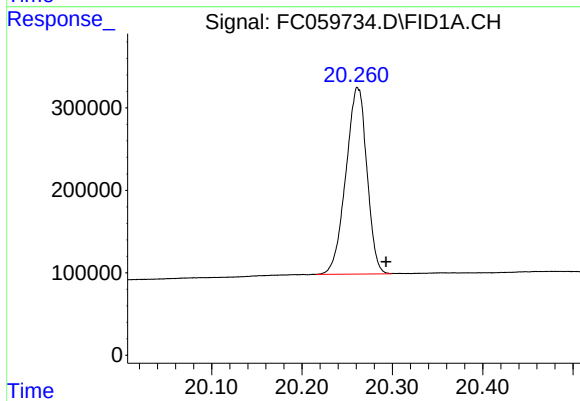
#20 n-Hexatriacontane (C36)

R.T.: 18.931 min
Delta R.T.: -0.029 min
Response: 3989989
Conc: 42.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.612 min
Delta R.T.: -0.029 min
Response: 3818714
Conc: 40.12 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.260 min
Delta R.T.: -0.033 min
Response: 3659537
Conc: 38.66 ug/ml m