

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051322AL\
 Data File : FC059749.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2022 15:25
 Operator : UA/NP
 Sample : N2776-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2022
 Supervised By :mohammad ahmed 05/16/2022

Integration File: sample.E
 Quant Time: May 13 23:55:02 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...	12.024	5709514	49.613 ug/ml
Spiked Amount 50.000		Recovery =	99.23%
Target Compounds			
1) T n-Nonane (C9)	2.634	3632782	28.447 ug/ml
2) T n-Decane (C10)	3.631	4449064	35.130 ug/ml
4) T n-Dodecane (C12)	5.584	5330708	40.535 ug/ml
6) T n-Tetradecane (C14)	7.336	5714947	42.472 ug/ml
7) T n-Hexadecane (C16)	8.900	6073116	44.260 ug/ml
8) T n-Octadecane (C18)	10.309	6371054	46.232 ug/ml
10) T n-Eicosane (C20)	11.589	6055112	45.021 ug/ml
11) T n-Heneicosane (C21)	12.188	5961831	44.690 ug/ml
13) T n-Docosane (C22)	12.759	5817411	44.326 ug/ml
14) T n-Tetracosane (C24)	13.837	5623475	44.694 ug/ml
15) T n-Hexacosane (C26)	14.834	5344989	44.754 ug/ml
16) T n-Octacosane (C28)	15.761	5033181	44.210 ug/ml
17) T n-Tricontane (C30)	16.628	4864669	44.255 ug/ml
18) T n-Dotriacontane (C32)	17.441	4814092	46.566 ug/mlm
19) T n-Tetratriacontane (C34)	18.204	4325379	44.303 ug/mlm
20) T n-Hexatriacontane (C36)	18.925	4017722	43.279 ug/mlm
21) T n-Octatriacontane (C38)	19.608	3805944	39.981 ug/mlm
22) T n-Tetracontane (C40)	20.260	3670848	38.778 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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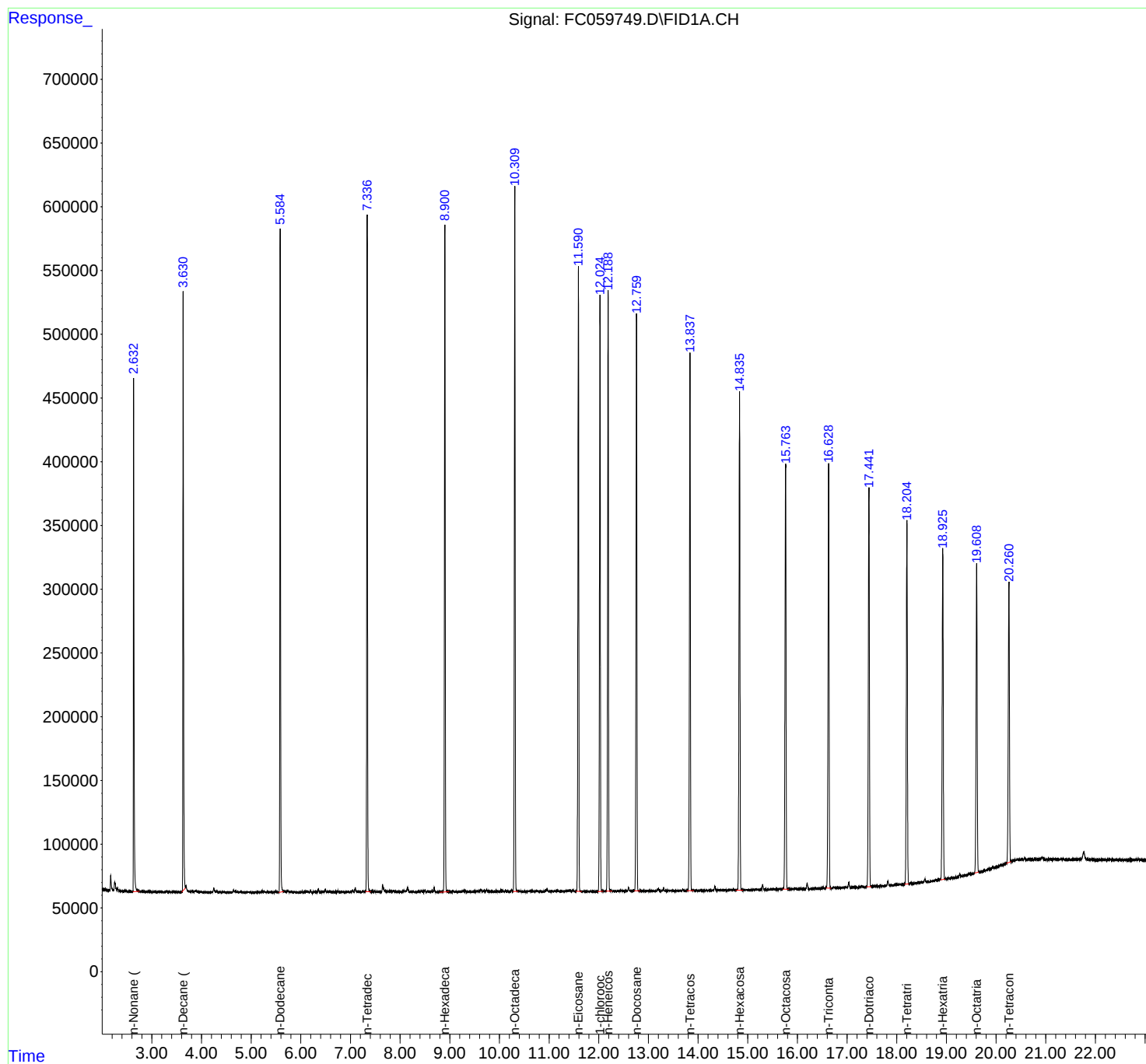
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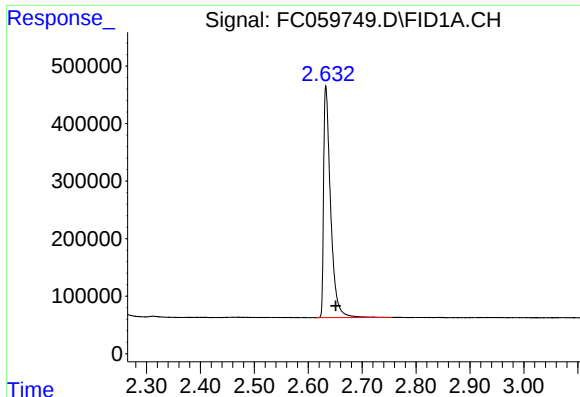
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: -0.017 min
Response: 3632782
Conc: 28.45 ug/ml

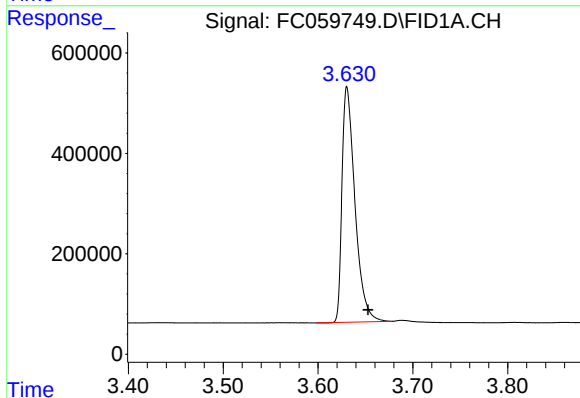
Instrument :

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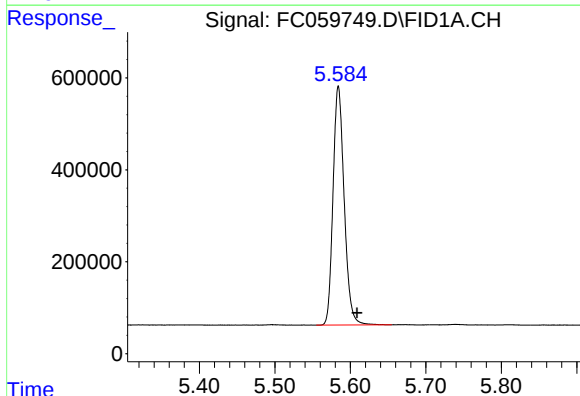
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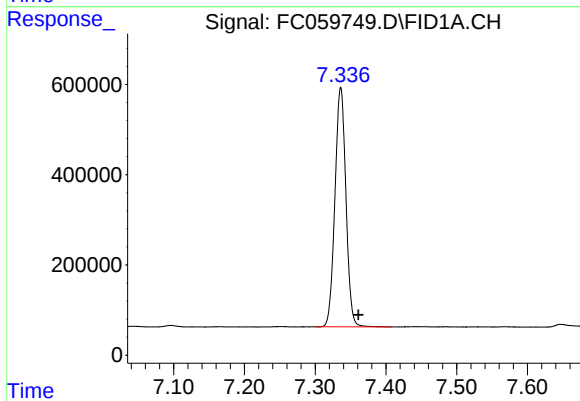
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: -0.021 min
Response: 4449064
Conc: 35.13 ug/ml



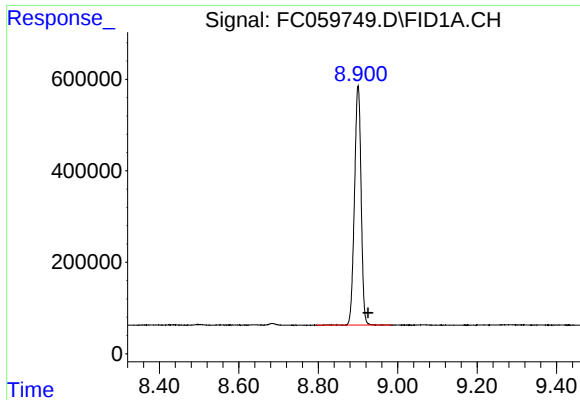
#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: -0.024 min
Response: 5330708
Conc: 40.54 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.336 min
Delta R.T.: -0.025 min
Response: 5714947
Conc: 42.47 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.900 min
Delta R.T.: -0.025 min
Response: 6073116
Conc: 44.26 ug/ml

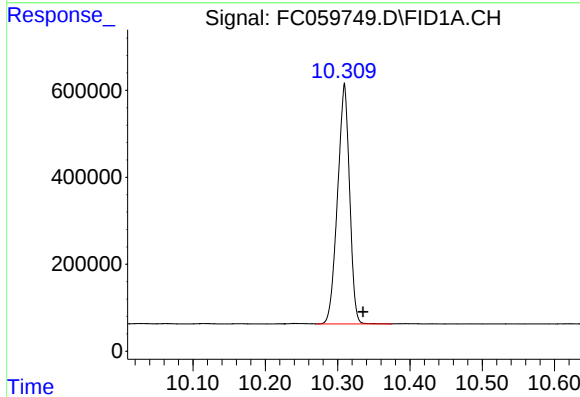
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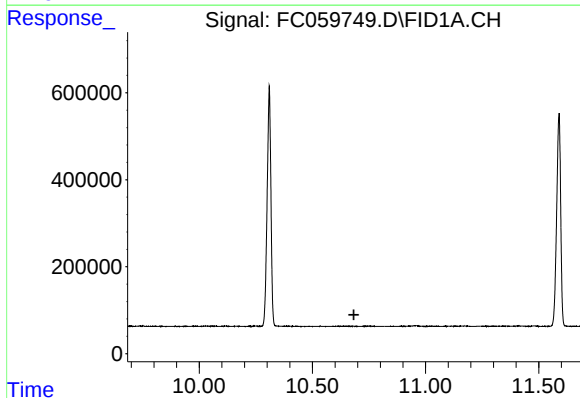
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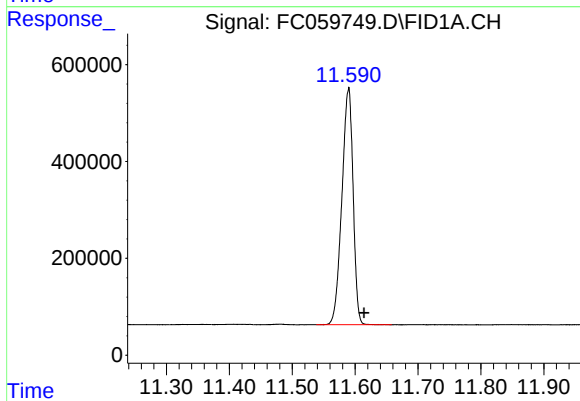
#8 n-Octadecane (C18)

R.T.: 10.309 min
Delta R.T.: -0.026 min
Response: 6371054
Conc: 46.23 ug/ml



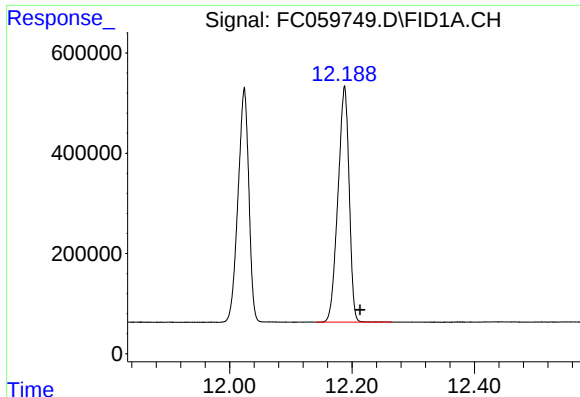
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.589 min
Delta R.T.: -0.025 min
Response: 6055112
Conc: 45.02 ug/ml



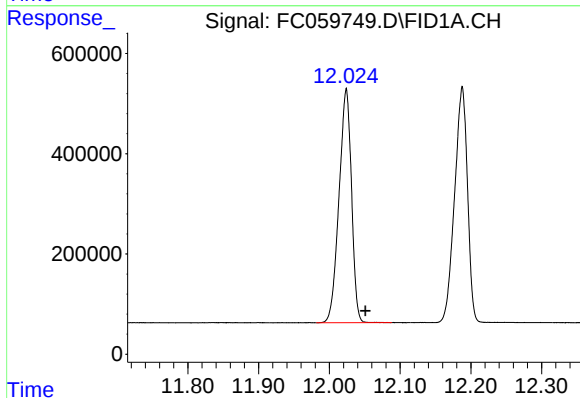
#11 n-Heneicosane (C21)

R.T.: 12.188 min
Delta R.T.: -0.025 min
Response: 5961831
Conc: 44.69 ug/ml

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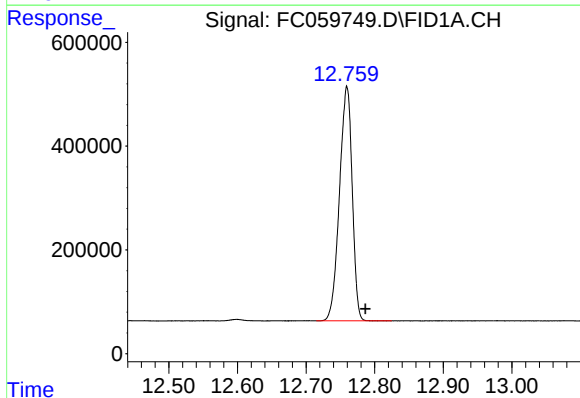
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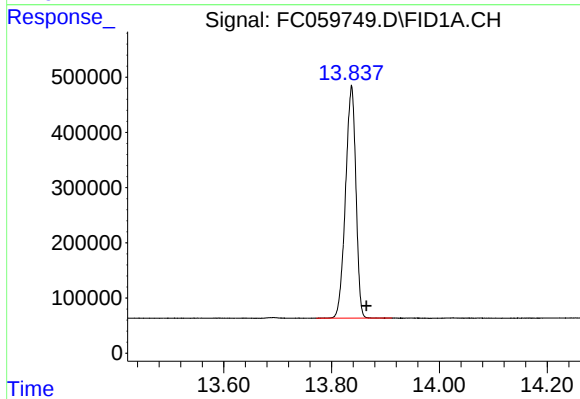
#12 1-chlorooctadecane (SURR)

R.T.: 12.024 min
Delta R.T.: -0.027 min
Response: 5709514
Conc: 49.61 ug/ml



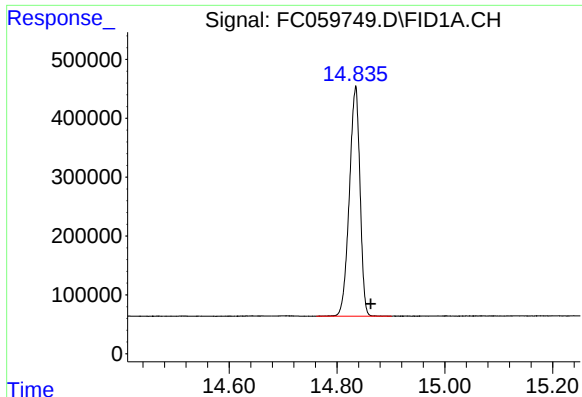
#13 n-Docosane (C22)

R.T.: 12.759 min
Delta R.T.: -0.027 min
Response: 5817411
Conc: 44.33 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.837 min
Delta R.T.: -0.028 min
Response: 5623475
Conc: 44.69 ug/ml



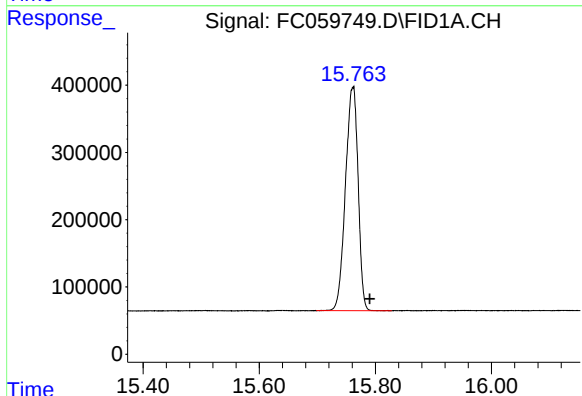
#15 n-Hexacosane (C26)

R.T.: 14.834 min
Delta R.T.: -0.029 min
Response: 5344989
Conc: 44.75 ug/ml

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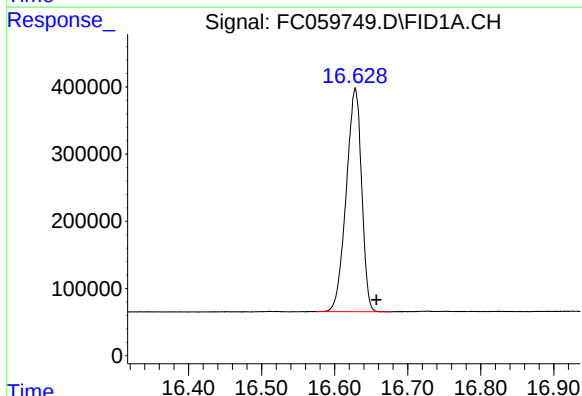
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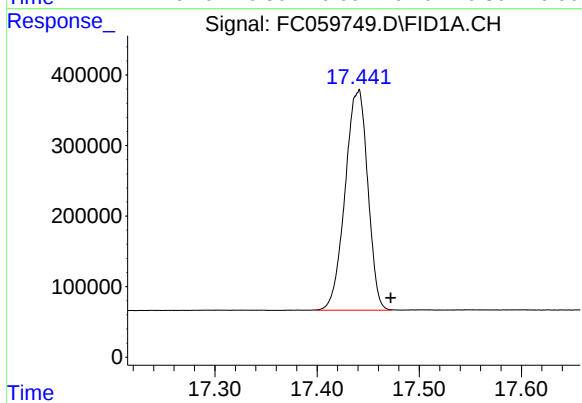
#16 n-Octacosane (C28)

R.T.: 15.761 min
Delta R.T.: -0.029 min
Response: 5033181
Conc: 44.21 ug/ml



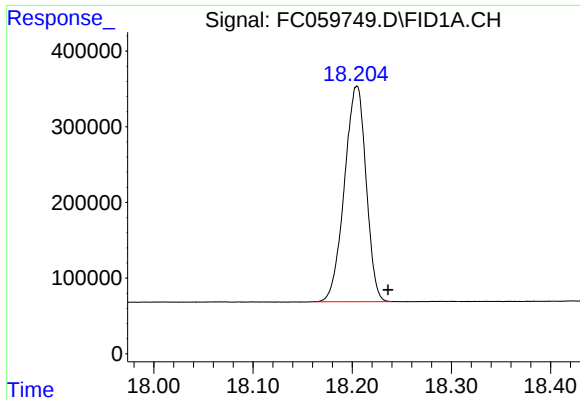
#17 n-Tricontane (C30)

R.T.: 16.628 min
Delta R.T.: -0.029 min
Response: 4864669
Conc: 44.25 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.441 min
Delta R.T.: -0.031 min
Response: 4814092
Conc: 46.57 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 18.204 min
Delta R.T.: -0.032 min
Response: 4325379
Conc: 44.30 ug/ml

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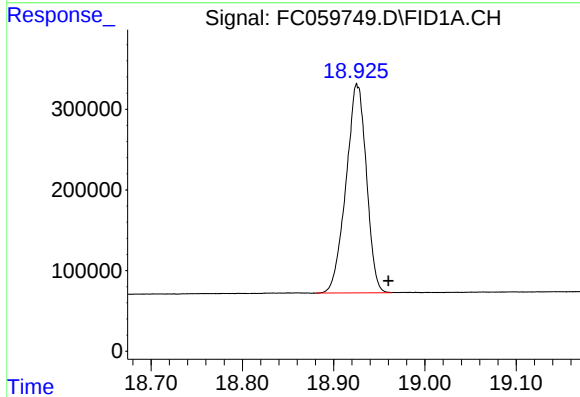
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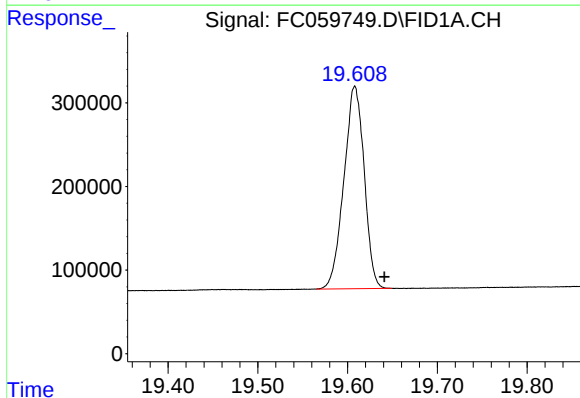
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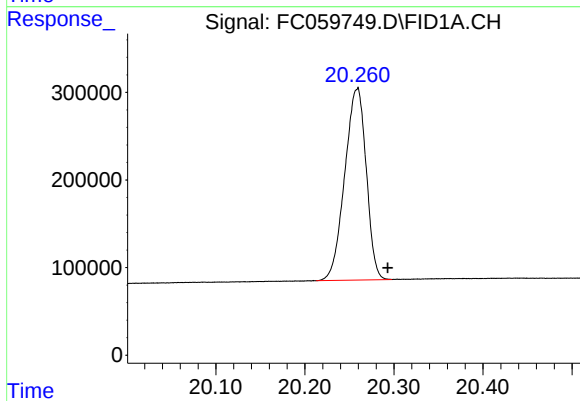
#20 n-Hexatriacontane (C36)

R.T.: 18.925 min
Delta R.T.: -0.035 min
Response: 4017722
Conc: 43.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.608 min
Delta R.T.: -0.033 min
Response: 3805944
Conc: 39.98 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.260 min
Delta R.T.: -0.033 min
Response: 3670848
Conc: 38.78 ug/ml m