

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050621AL\
 Data File : FC053541.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2021 19:01
 Operator : DD\AJ
 Sample : M2279-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EME-17MSD

Manual Integrations
 APPROVED

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 5/10/2021 10:22:23 AM

Integration File: autoint1.e
 Quant Time: May 07 05:08:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 2021
 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...	12.976	2239888	20.083 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
Target Compounds			
1) T n-Nonane (C9)	3.293	2629341	22.261 ug/ml
2) T n-Decane (C10)	4.358	3196137	26.991 ug/ml
4) T n-Dodecane (C12)	6.377	3874737	32.022 ug/ml
6) T n-Tetradecane (C14)	8.175	4154883	34.108 ug/ml
7) T n-Hexadecane (C16)	9.778	4349579	35.513 ug/ml
8) T n-Octadecane (C18)	11.222	4618467	35.463 ug/ml
10) T n-Eicosane (C20)	12.533	4571633	34.539 ug/ml
11) T n-Heneicosane (C21)	13.146	4588795	34.552 ug/ml
13) T n-Docosane (C22)	13.732	4580301	34.435 ug/ml
14) T n-Tetracosane (C24)	14.837	4509683	33.784 ug/ml
15) T n-Hexacosane (C26)	15.859	4406209	33.327 ug/ml
16) T n-Octacosane (C28)	16.810	4277493	32.676 ug/ml
17) T n-Tricontane (C30)	17.698	3993959	30.621 ug/ml
18) T n-Dotriacontane (C32)	18.532	3638738	28.838 ug/ml
19) T n-Tetratriacontane (C34)	19.315	3405057	27.947 ug/mlm
20) T n-Hexatriacontane (C36)	20.057	3050835	26.094 ug/mlm
21) T n-Octatriacontane (C38)	20.788	2857535	27.777 ug/ml
22) T n-Tetracontane (C40)	21.684	2814585	28.246 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 06 May 2021 19:01
Operator : DD\AJ
Sample : M2279-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

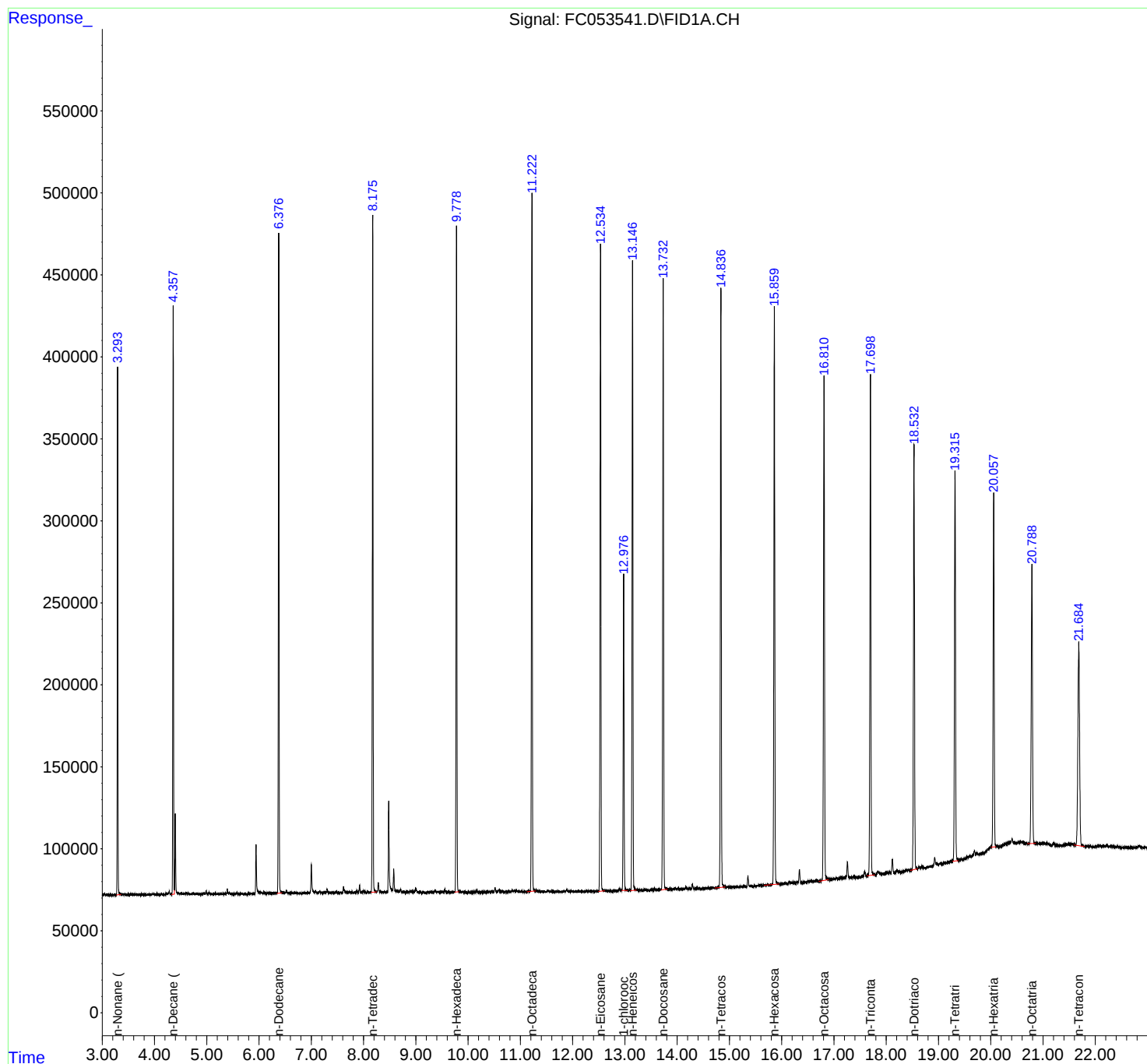
Instrument :
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ClientSampleId :
EME-17MSD

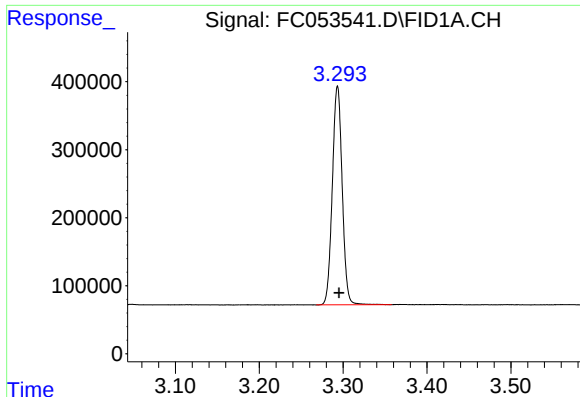
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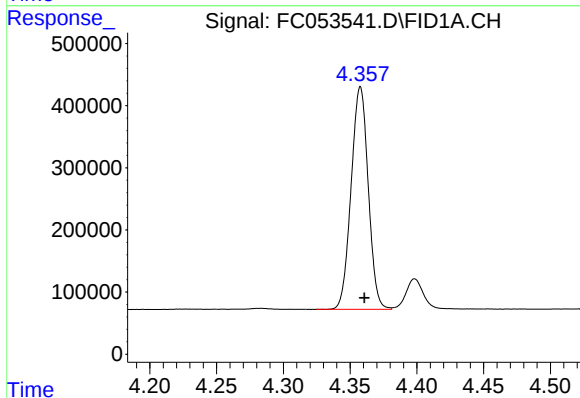
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.002 min
Response: 2629341
Conc: 22.26 ug/ml

Instrument :
FID_C
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EME-17MSD

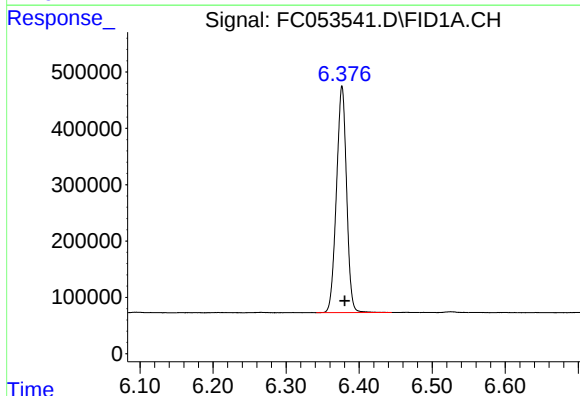
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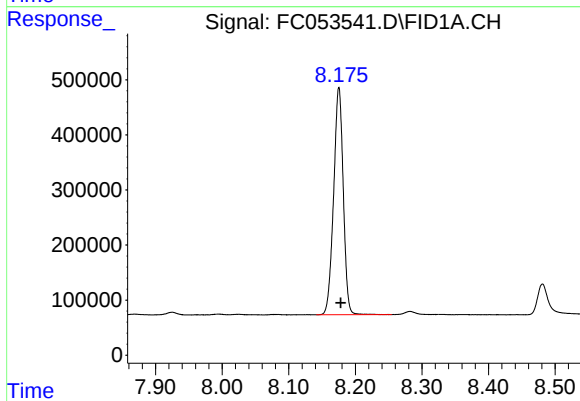
#2 n-Decane (C10)

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 3196137
Conc: 26.99 ug/ml



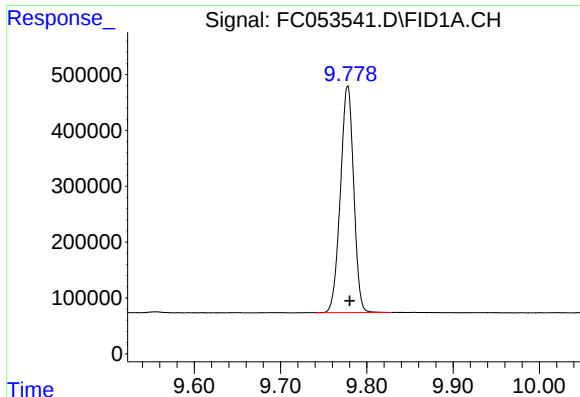
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.004 min
Response: 3874737
Conc: 32.02 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.003 min
Response: 4154883
Conc: 34.11 ug/ml



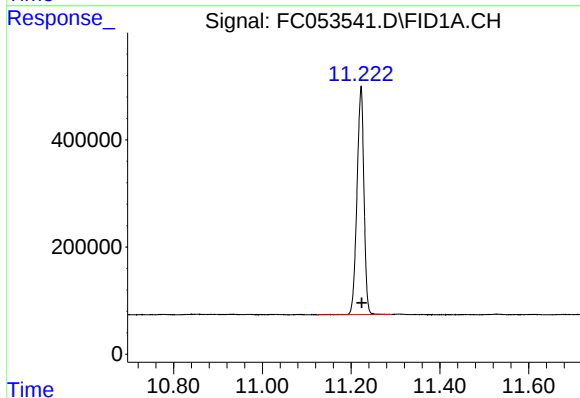
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.003 min
Response: 4349579
Conc: 35.51 ug/ml

Instrument :
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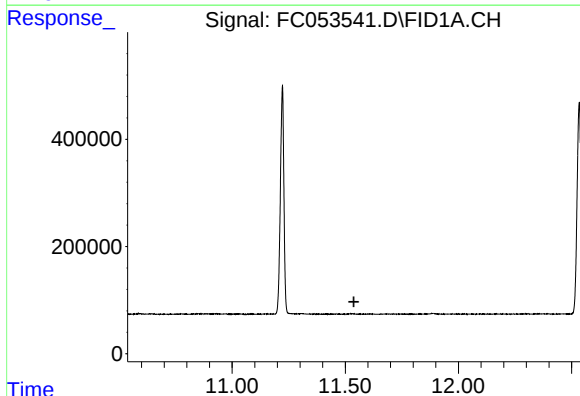
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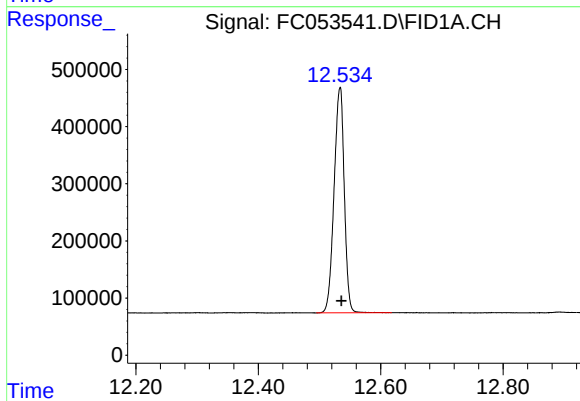
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.002 min
Response: 4618467
Conc: 35.46 ug/ml



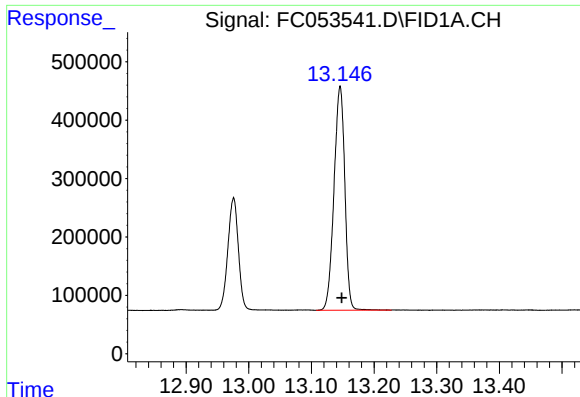
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.003 min
Response: 4571633
Conc: 34.54 ug/ml



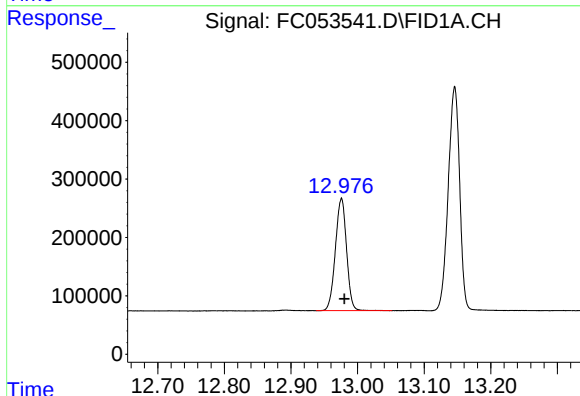
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: -0.003 min
Response: 4588795
Conc: 34.55 ug/ml

Instrument :
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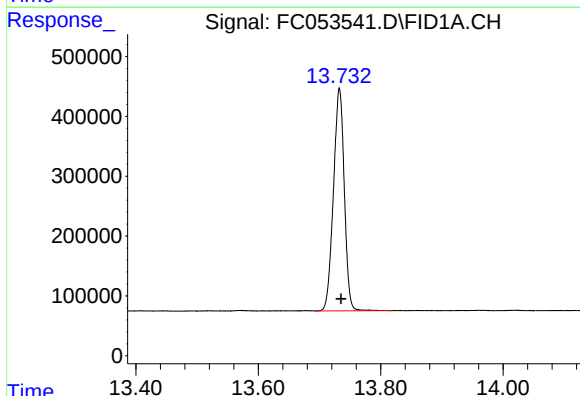
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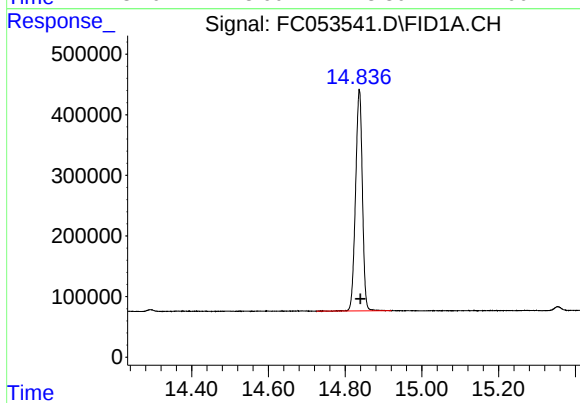
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.005 min
Response: 2239888
Conc: 20.08 ug/ml



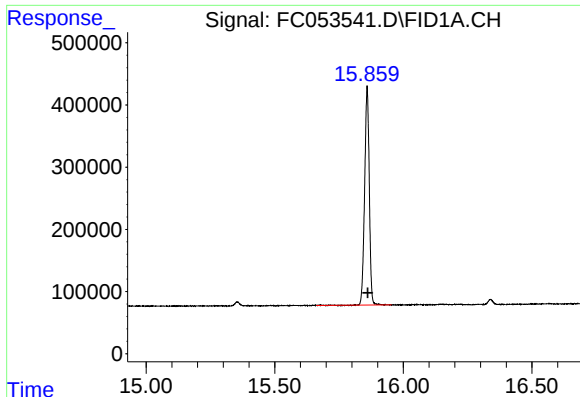
#13 n-Docosane (C22)

R.T.: 13.732 min
Delta R.T.: -0.002 min
Response: 4580301
Conc: 34.44 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.837 min
Delta R.T.: -0.003 min
Response: 4509683
Conc: 33.78 ug/ml



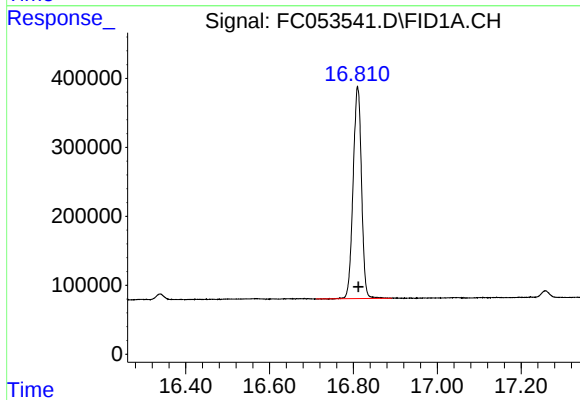
#15 n-Hexacosane (C26)

R.T.: 15.859 min
Delta R.T.: -0.003 min
Response: 4406209
Conc: 33.33 ug/ml

Instrument :
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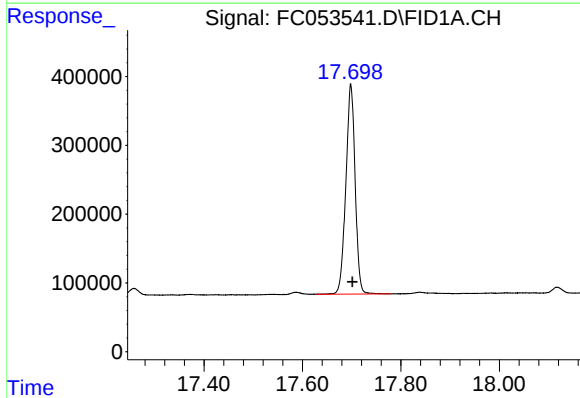
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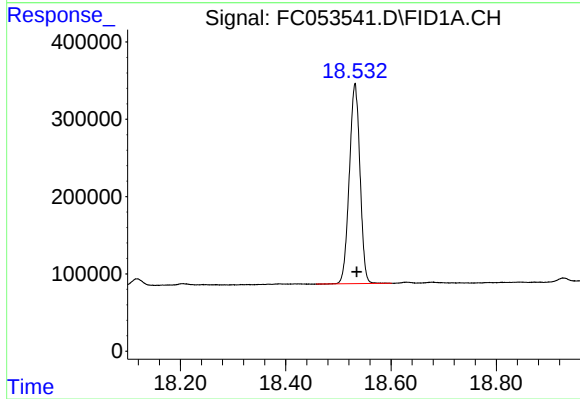
#16 n-Octacosane (C28)

R.T.: 16.810 min
Delta R.T.: -0.002 min
Response: 4277493
Conc: 32.68 ug/ml



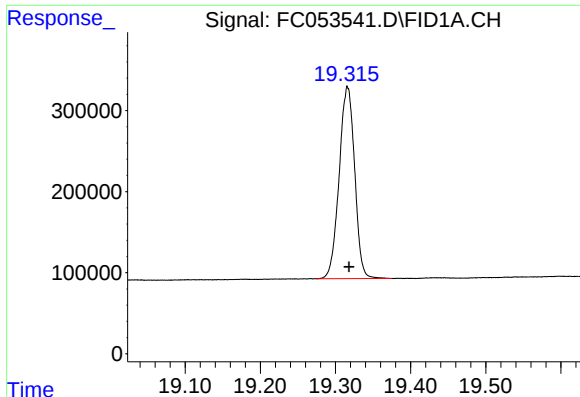
#17 n-Tricontane (C30)

R.T.: 17.698 min
Delta R.T.: -0.003 min
Response: 3993959
Conc: 30.62 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.003 min
Response: 3638738
Conc: 28.84 ug/ml



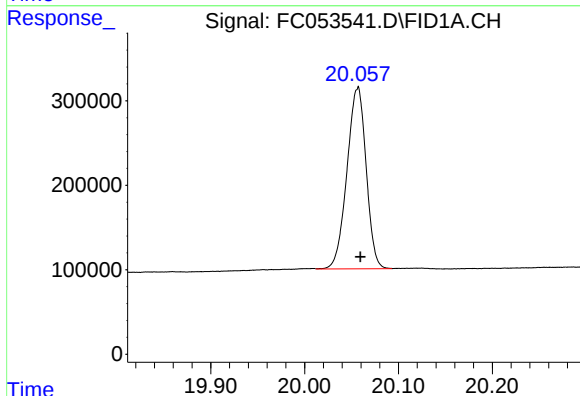
#19 n-Tetratriacontane (C34)

R.T.: 19.315 min
Delta R.T.: -0.003 min
Response: 3405057
Conc: 27.95 ug/ml m

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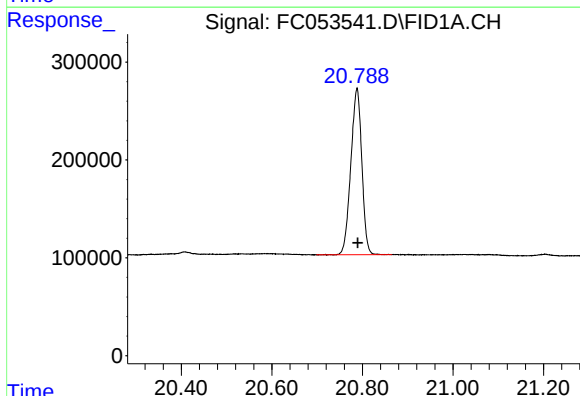
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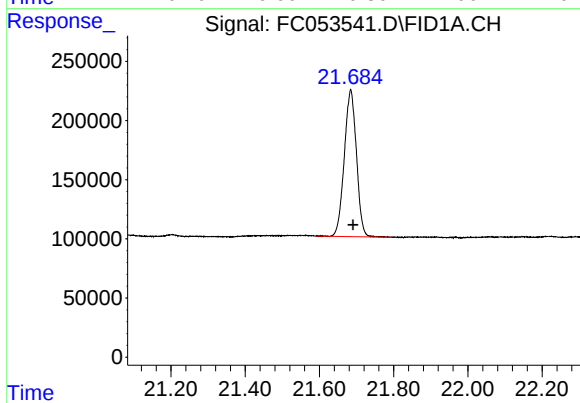
#20 n-Hexatriacontane (C36)

R.T.: 20.057 min
Delta R.T.: -0.002 min
Response: 3050835
Conc: 26.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.788 min
Delta R.T.: -0.002 min
Response: 2857535
Conc: 27.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.684 min
Delta R.T.: -0.006 min
Response: 2814585
Conc: 28.25 ug/ml