

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070722AL\
 Data File : FC060621.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2022 19:40
 Operator : YP/AJ
 Sample : N3605-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OE-2-070622MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File: autoint1.e
 Quant Time: Jul 08 04:26:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.640	7298031	39.824 ug/ml
Spiked Amount 50.000		Recovery =	79.65%
12) S 1-chlorooctadecane (S...	12.029	25208910	171.030 ug/ml
Spiked Amount 50.000		Recovery =	342.06%
Target Compounds			
1) T n-Nonane (C9)	2.625	5222145	34.043 ug/ml
2) T n-Decane (C10)	3.619	5836265	38.216 ug/ml
3) T A~Naphthalene (C11.7)	5.153	7371968	44.093 ug/ml
4) T n-Dodecane (C12)	5.568	7317676	45.279 ug/ml
5) T A~2-methylnaphthalene...	6.178	8717095	51.280 ug/ml
6) T n-Tetradecane (C14)	7.323	8666492	52.461 ug/mlm
7) T n-Hexadecane (C16)	8.884	9521938	56.342 ug/mlm
8) T n-Octadecane (C18)	10.296	9936877	57.758 ug/mlm
10) T n-Eicosane (C20)	11.577	10673991	62.542 ug/ml
11) T n-Heneicosane (C21)	12.176	9289172	54.482 ug/ml
13) T n-Docosane (C22)	12.746	9540971	55.971 ug/ml
14) T n-Tetracosane (C24)	13.829	11191945	66.658 ug/ml
15) T n-Hexacosane (C26)	14.824	8277580	50.372 ug/ml
16) T n-Octacosane (C28)	15.751	8061147	50.802 ug/ml
17) T n-Tricontane (C30)	16.621	7918758	52.021 ug/ml
18) T n-Dotriacontane (C32)	17.433	7462354	51.335 ug/mlm
19) T n-Tetratriacontane (C34)	18.200	7546567	59.417 ug/ml
20) T n-Hexatriacontane (C36)	18.922	6485227	57.786 ug/mlm
21) T n-Octatriacontane (C38)	19.606	7987967	72.972 ug/ml
22) T n-Tetracontane (C40)	20.255	6393565	56.610 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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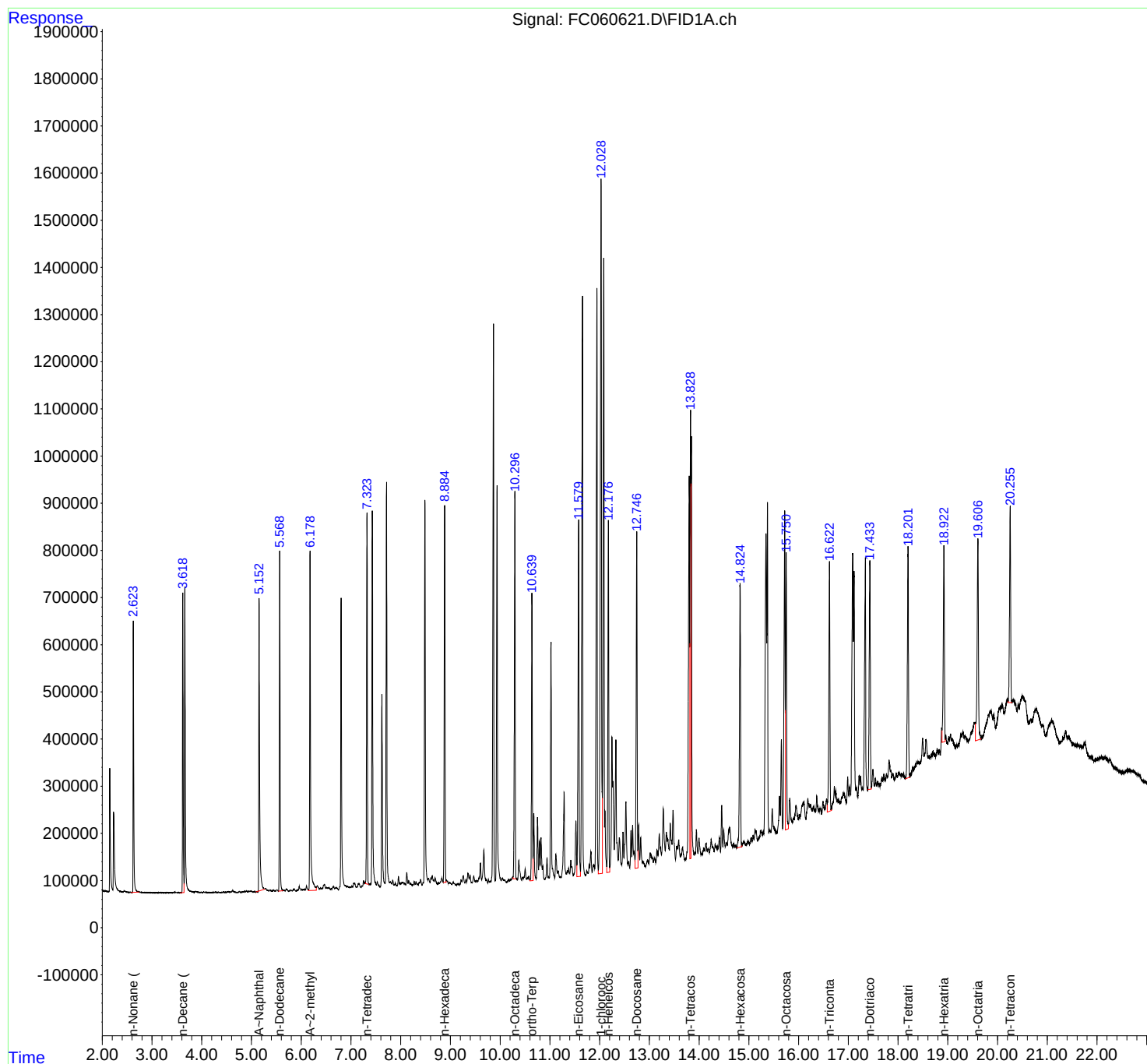
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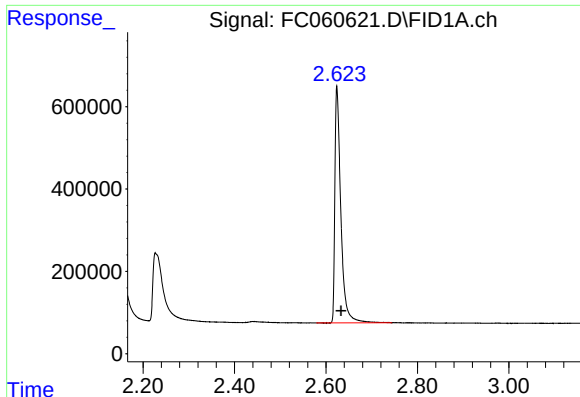
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#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.008 min
Response: 5222145
Conc: 34.04 ug/ml

Instrument :

FID_C

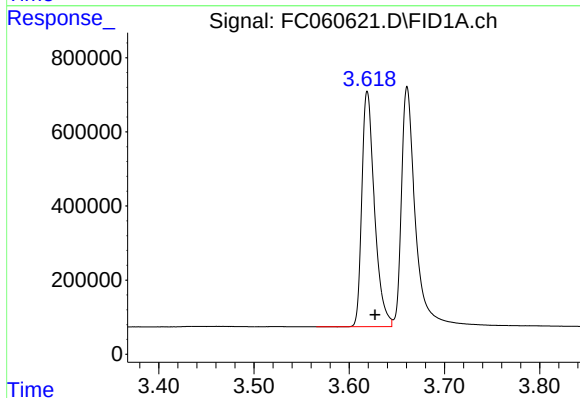
ClientSampleId :

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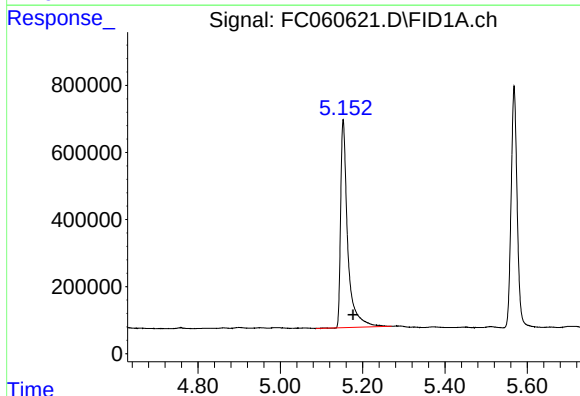
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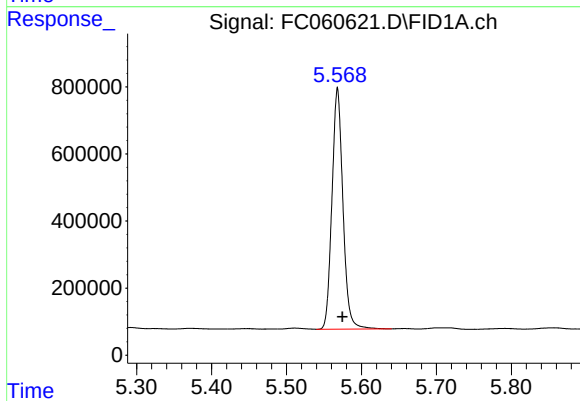
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.008 min
Response: 5836265
Conc: 38.22 ug/ml



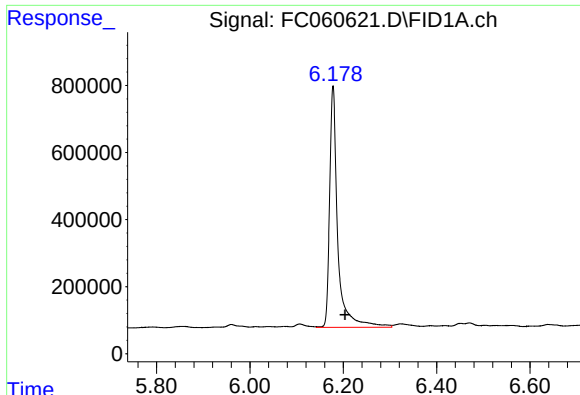
#3 A~Naphthalene (C11.7)

R.T.: 5.153 min
Delta R.T.: -0.024 min
Response: 7371968
Conc: 44.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.568 min
Delta R.T.: -0.006 min
Response: 7317676
Conc: 45.28 ug/ml



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

R.T.: 6.178 min
 Delta R.T.: -0.026 min
 Response: 8717095
 Conc: 51.28 ug/ml

Instrument :

FID_C

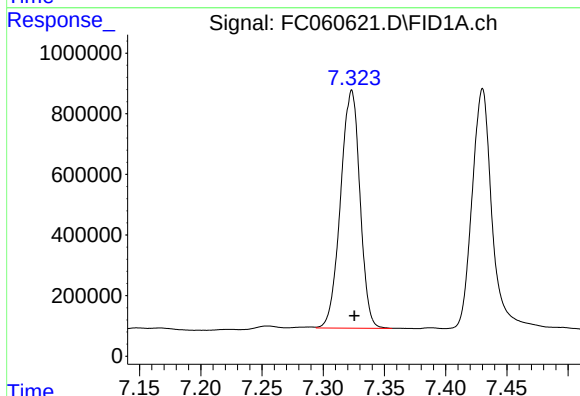
ClientSampleId :

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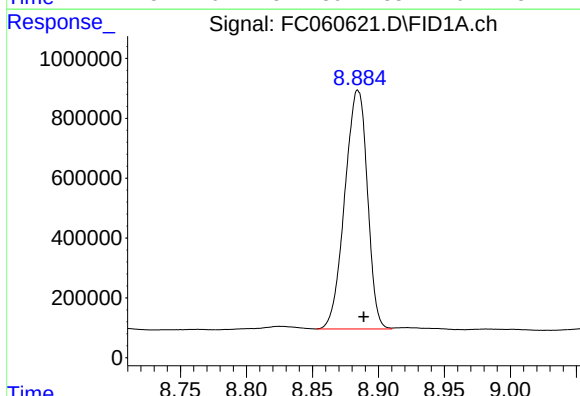
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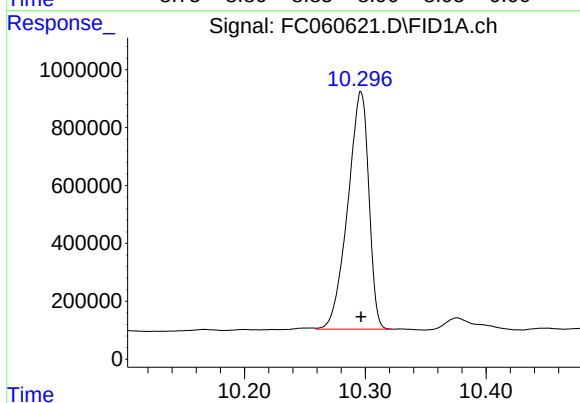
#6 n-Tetradecane (C14)

R.T.: 7.323 min
 Delta R.T.: -0.003 min
 Response: 8666492
 Conc: 52.46 ug/ml m



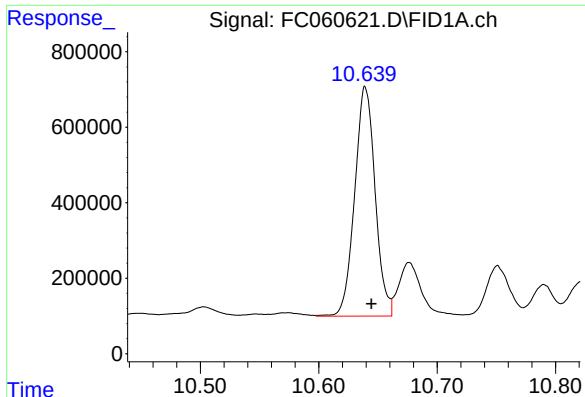
#7 n-Hexadecane (C16)

R.T.: 8.884 min
 Delta R.T.: -0.005 min
 Response: 9521938
 Conc: 56.34 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.296 min
 Delta R.T.: 0.000 min
 Response: 9936877
 Conc: 57.76 ug/ml m



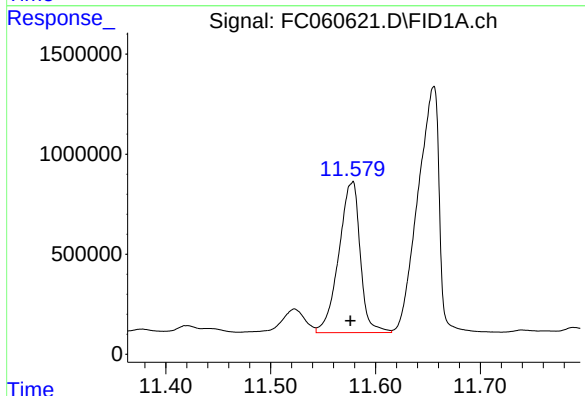
#9 ortho-Terphenyl (SURR)

R.T.: 10.640 min
Delta R.T.: -0.005 min
Response: 7298031
Conc: 39.82 ug/ml

Instrument :
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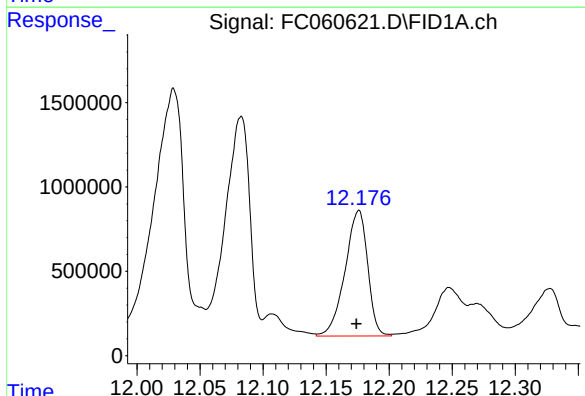
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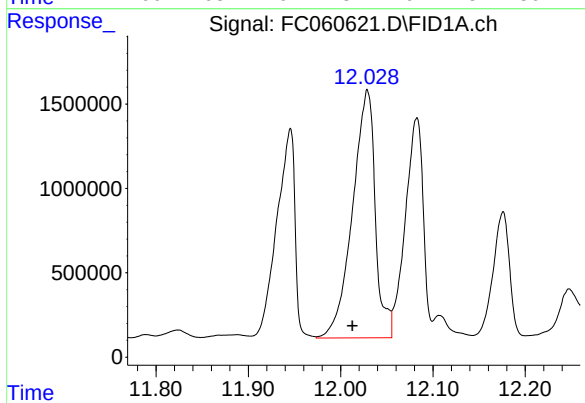
#10 n-Eicosane (C20)

R.T.: 11.577 min
Delta R.T.: 0.000 min
Response: 10673991
Conc: 62.54 ug/ml



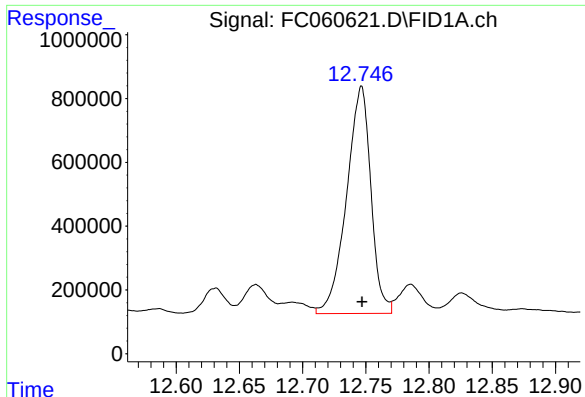
#11 n-Heneicosane (C21)

R.T.: 12.176 min
Delta R.T.: 0.002 min
Response: 9289172
Conc: 54.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.029 min
Delta R.T.: 0.016 min
Response: 25208910
Conc: 171.03 ug/ml



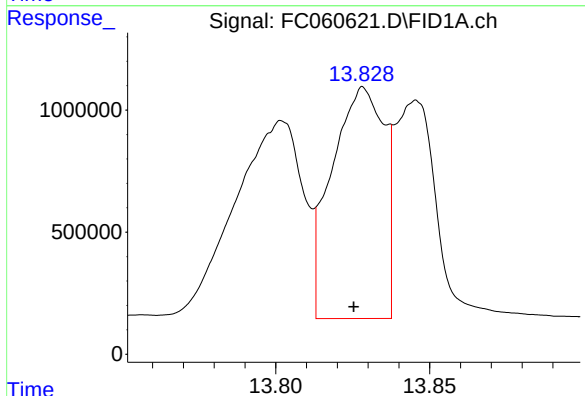
#13 n-Docosane (C22)

R.T.: 12.746 min
Delta R.T.: -0.001 min
Response: 9540971
Conc: 55.97 ug/ml

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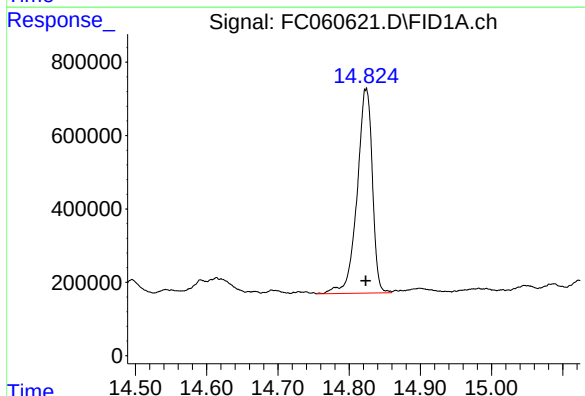
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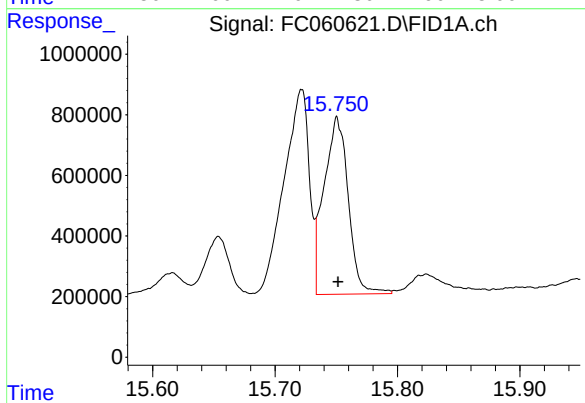
#14 n-Tetracosane (C24)

R.T.: 13.829 min
Delta R.T.: 0.003 min
Response: 11191945
Conc: 66.66 ug/ml



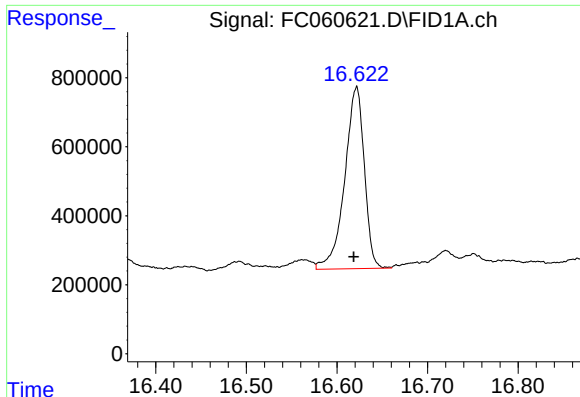
#15 n-Hexacosane (C26)

R.T.: 14.824 min
Delta R.T.: 0.000 min
Response: 8277580
Conc: 50.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.751 min
Delta R.T.: 0.000 min
Response: 8061147
Conc: 50.80 ug/ml



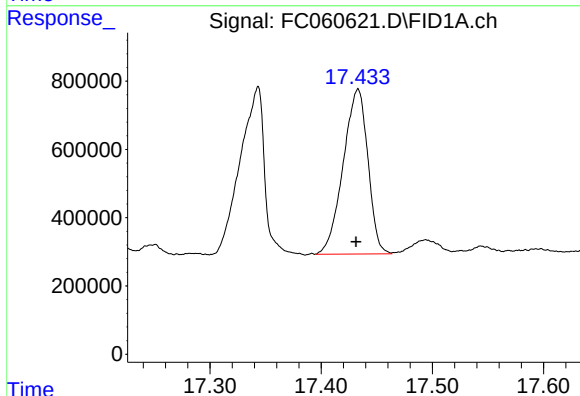
#17 n-Tricontane (C30)

R.T.: 16.621 min
Delta R.T.: 0.003 min
Response: 7918758
Conc: 52.02 ug/ml

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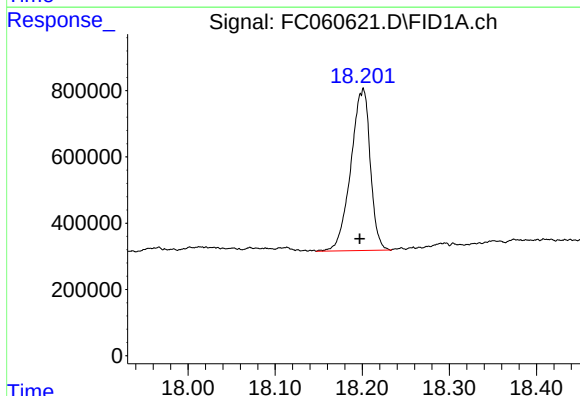
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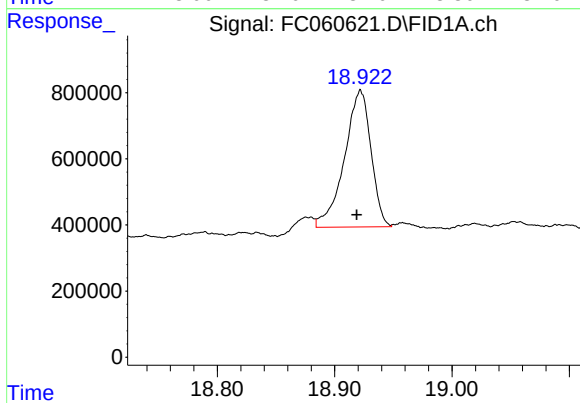
#18 n-Dotriacontane (C32)

R.T.: 17.433 min
Delta R.T.: 0.002 min
Response: 7462354
Conc: 51.34 ug/ml m



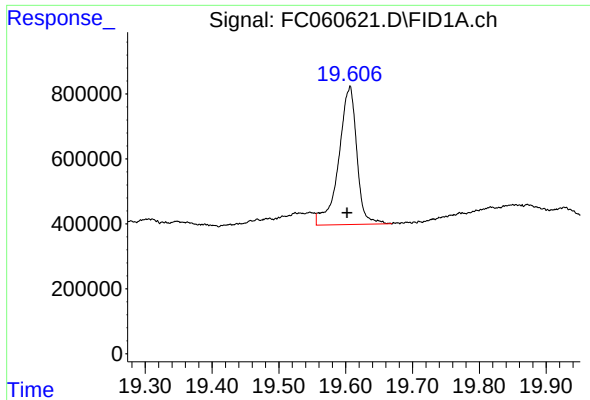
#19 n-Tetratriacontane (C34)

R.T.: 18.200 min
Delta R.T.: 0.003 min
Response: 7546567
Conc: 59.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.922 min
Delta R.T.: 0.003 min
Response: 6485227
Conc: 57.79 ug/ml m



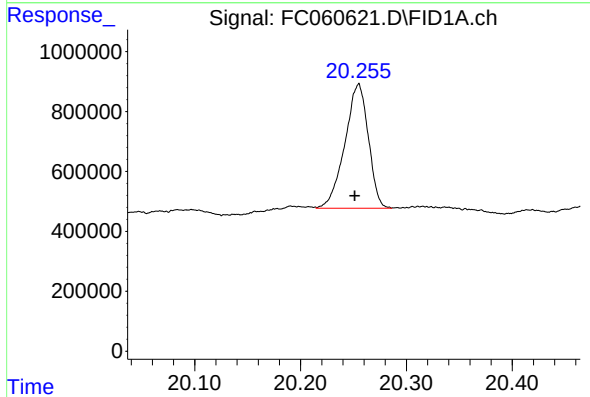
#21 n-Octatriacontane (C38)

R.T.: 19.606 min
Delta R.T.: 0.004 min
Response: 7987967
Conc: 72.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.255 min
Delta R.T.: 0.004 min
Response: 6393565
Conc: 56.61 ug/ml m