

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
 Data File : FC061337.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2022 22:33
 Operator : YP/AJ
 Sample : N4398-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ROCK-FINES-QA/QC-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2022
 Supervised By :Ankita Jodhani 08/30/2022

Integration File: autoint1.e
 Quant Time: Aug 30 04:59:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.644	4447821	25.125 ug/ml
Spiked Amount 50.000		Recovery =	50.25%
12) S 1-chlorooctadecane (S...	13.074	3490635	24.924 ug/ml
Spiked Amount 50.000		Recovery =	49.85%
Target Compounds			
1) T n-Nonane (C9)	3.415	3748790	24.795 ug/ml
2) T n-Decane (C10)	4.483	4381656	28.876 ug/ml
3) T A~Naphthalene (C11.7)	6.067	5011314	28.950 ug/ml
4) T n-Dodecane (C12)	6.494	4961363	32.035 ug/ml
5) T A~2-methylnaphthalene...	7.120	5080201	28.851 ug/ml
6) T n-Tetradecane (C14)	8.288	5152850	32.943 ug/ml
7) T n-Hexadecane (C16)	9.884	5309503	33.898 ug/ml
8) T n-Octadecane (C18)	11.324	5396677	34.207 ug/ml
10) T n-Eicosane (C20)	12.631	5265391	33.870 ug/ml
11) T n-Heneicosane (C21)	13.241	5252283	33.579 ug/ml
13) T n-Docosane (C22)	13.827	5140567	33.126 ug/ml
14) T n-Tetracosane (C24)	14.913	9548075	61.719 ug/ml
15) T n-Hexacosane (C26)	15.947	4883946	32.451 ug/ml
16) T n-Octacosane (C28)	16.893	4841843	32.780 ug/ml
17) T n-Tricontane (C30)	17.780	4577340	33.141 ug/ml
18) T n-Dotriacontane (C32)	18.610	4443990	40.486 ug/mlm
19) T n-Tetratriacontane (C34)	19.391	4443296	57.565 ug/ml
20) T n-Hexatriacontane (C36)	20.127	4030871	71.395 ug/mlm
21) T n-Octatriacontane (C38)	20.873	3948734	85.118 ug/ml
22) T n-Tetracontane (C40)	21.803	3993192	95.204 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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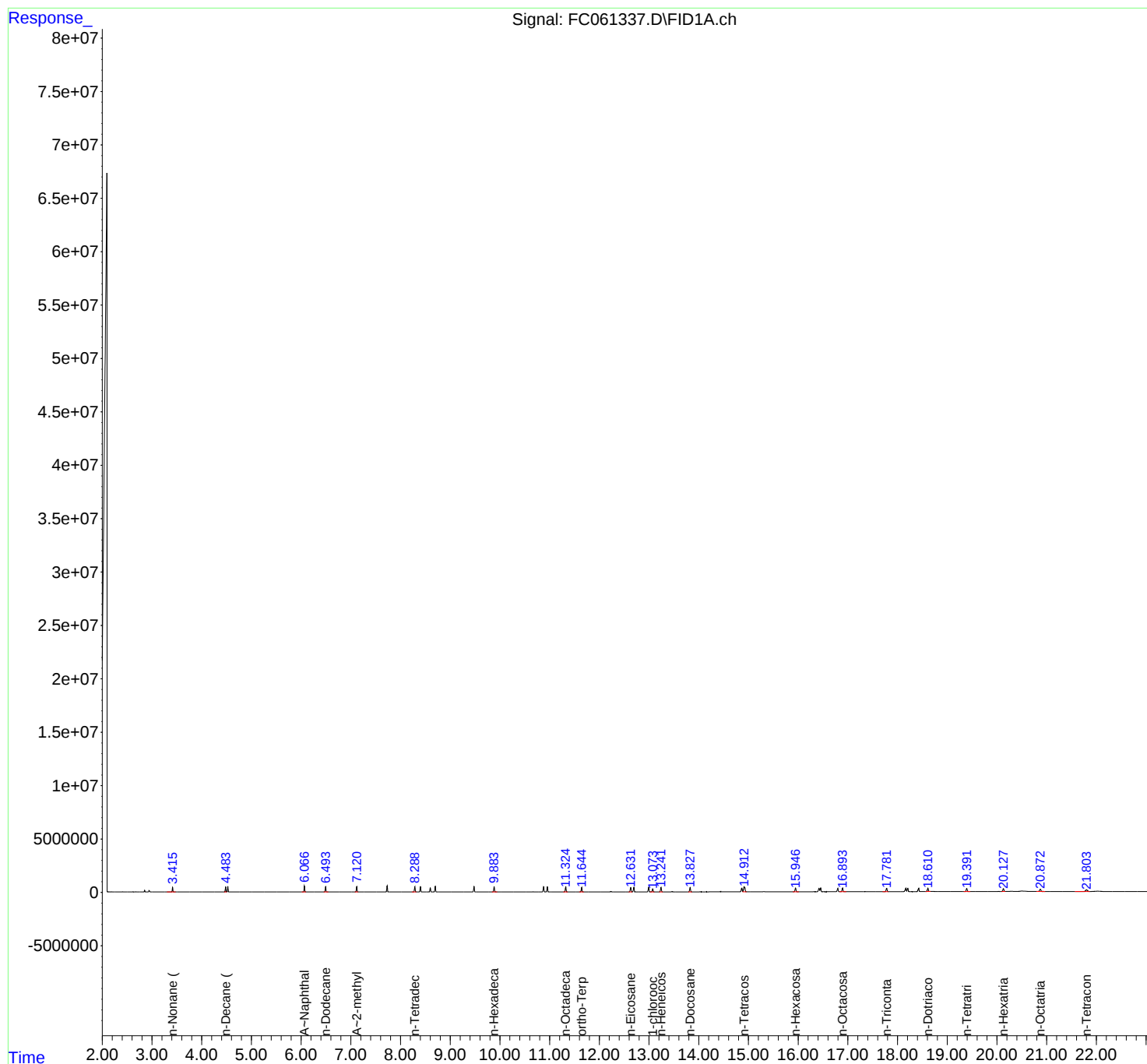
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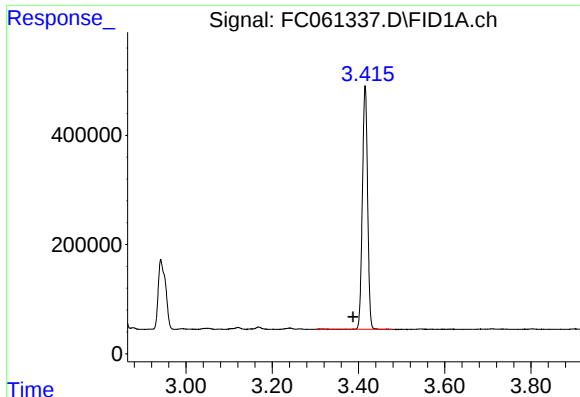
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#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: 0.028 min
Response: 3748790
Conc: 24.80 ug/ml

Instrument :

FID_C

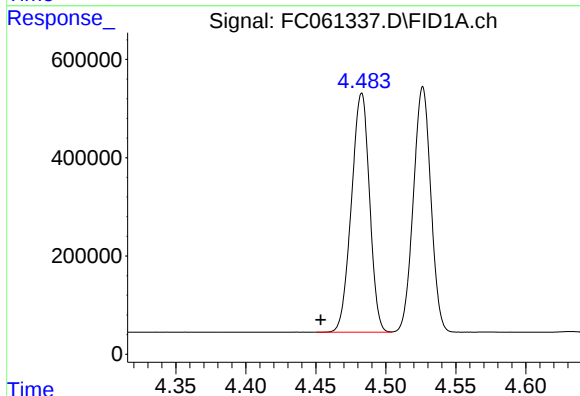
ClientSampleId :

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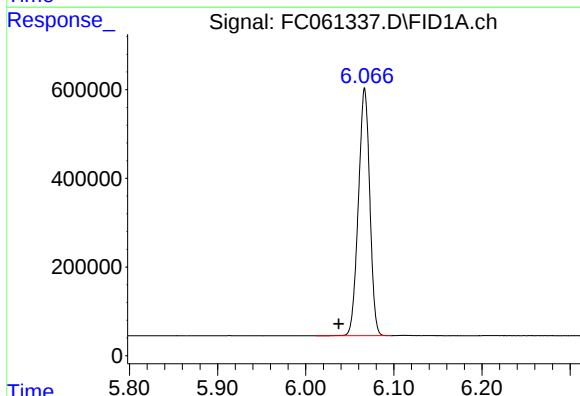
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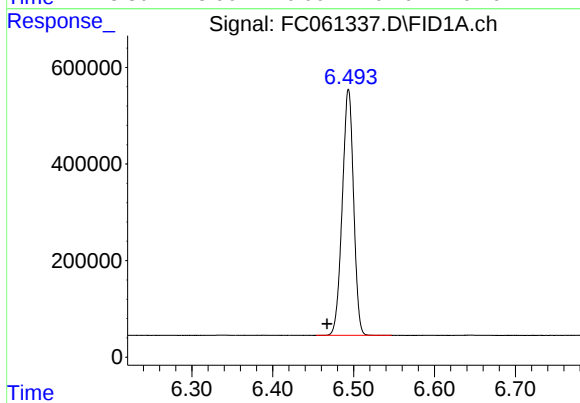
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.029 min
Response: 4381656
Conc: 28.88 ug/ml



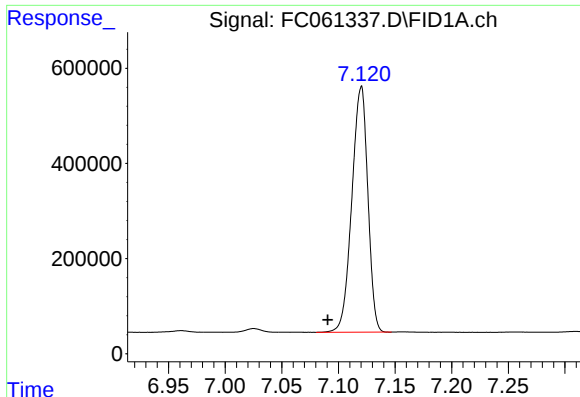
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: 0.029 min
Response: 5011314
Conc: 28.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.026 min
Response: 4961363
Conc: 32.04 ug/ml



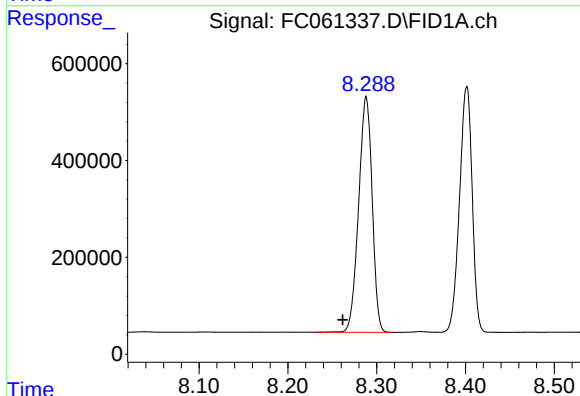
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: 0.029 min
Response: 5080201
Conc: 28.85 ug/ml

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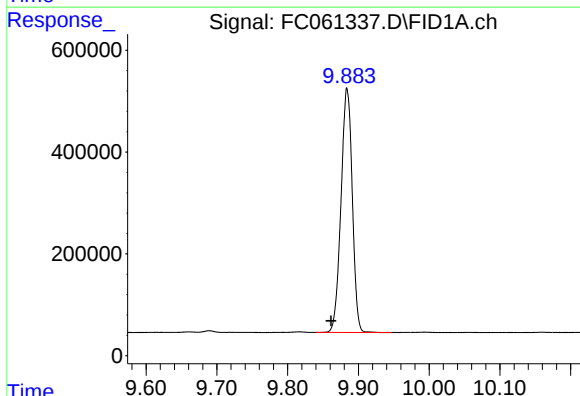
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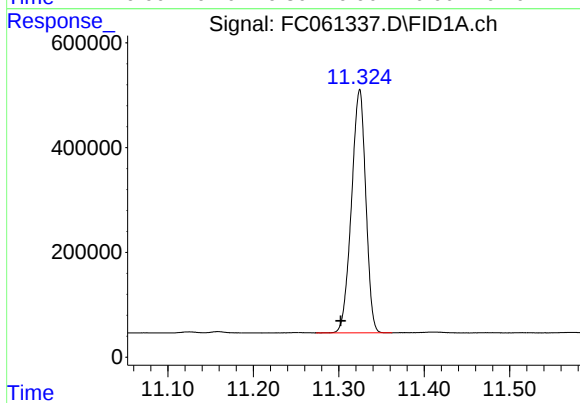
#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: 0.026 min
Response: 5152850
Conc: 32.94 ug/ml



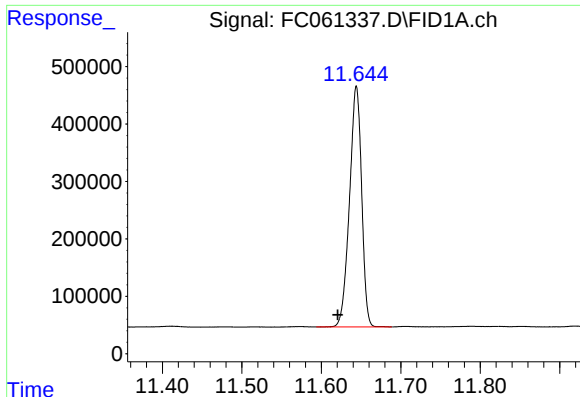
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: 0.023 min
Response: 5309503
Conc: 33.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: 0.022 min
Response: 5396677
Conc: 34.21 ug/ml



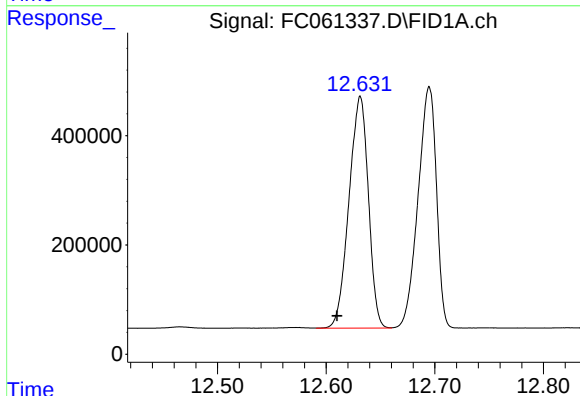
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: 0.024 min
Response: 4447821
Conc: 25.12 ug/ml

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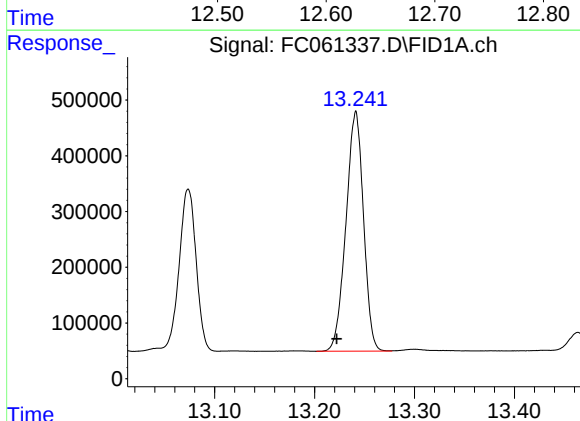
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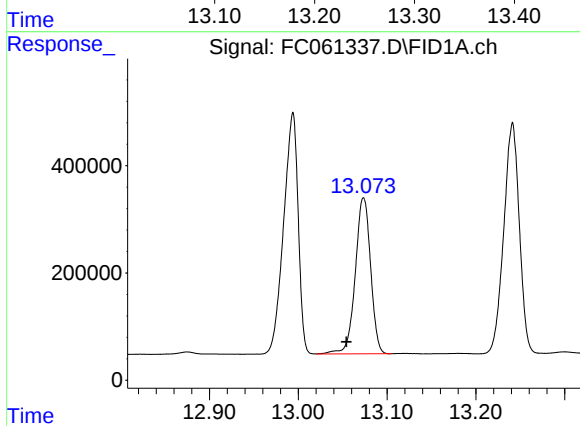
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: 0.021 min
Response: 5265391
Conc: 33.87 ug/ml



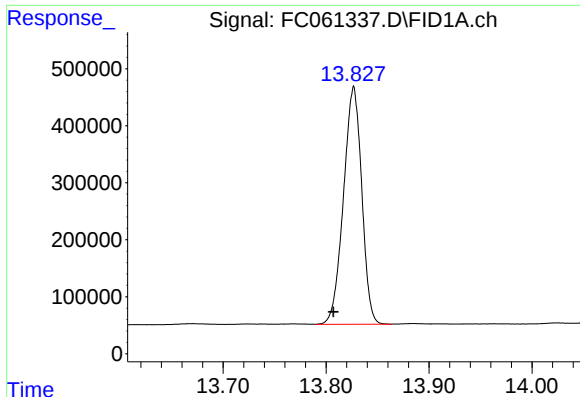
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: 0.019 min
Response: 5252283
Conc: 33.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: 0.019 min
Response: 3490635
Conc: 24.92 ug/ml



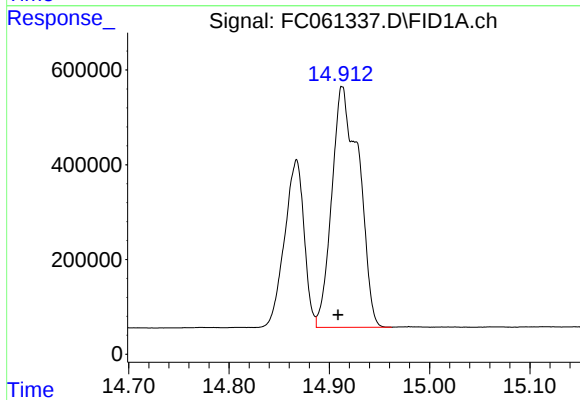
#13 n-Docosane (C22)

R.T.: 13.827 min
Delta R.T.: 0.020 min
Response: 5140567
Conc: 33.13 ug/ml

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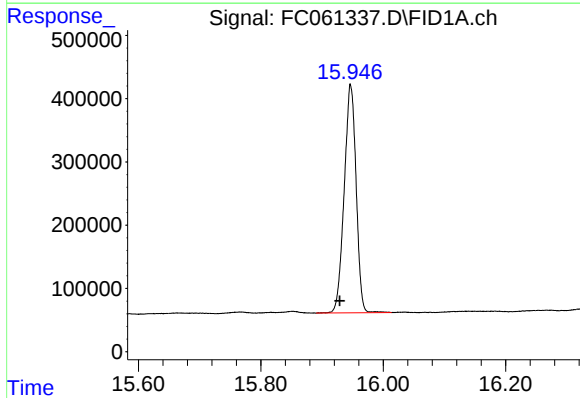
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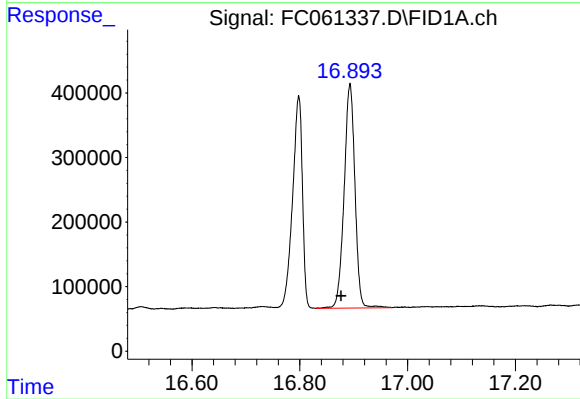
#14 n-Tetracosane (C24)

R.T.: 14.913 min
Delta R.T.: 0.004 min
Response: 9548075
Conc: 61.72 ug/ml



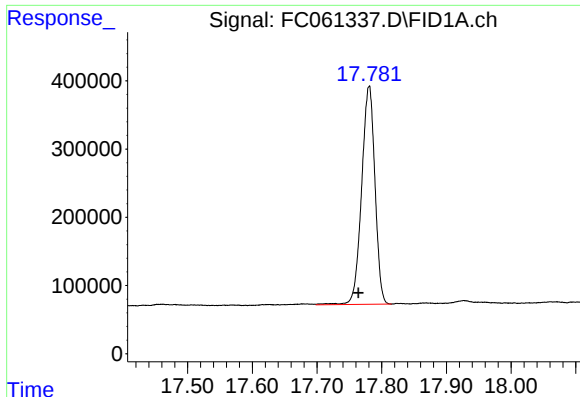
#15 n-Hexacosane (C26)

R.T.: 15.947 min
Delta R.T.: 0.018 min
Response: 4883946
Conc: 32.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.893 min
Delta R.T.: 0.017 min
Response: 4841843
Conc: 32.78 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.780 min
Delta R.T.: 0.016 min
Response: 4577340
Conc: 33.14 ug/ml

Instrument :

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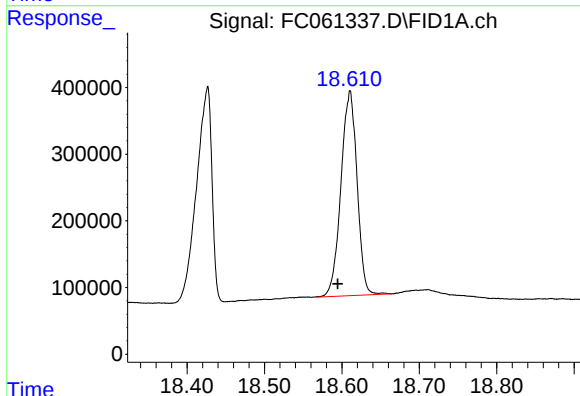
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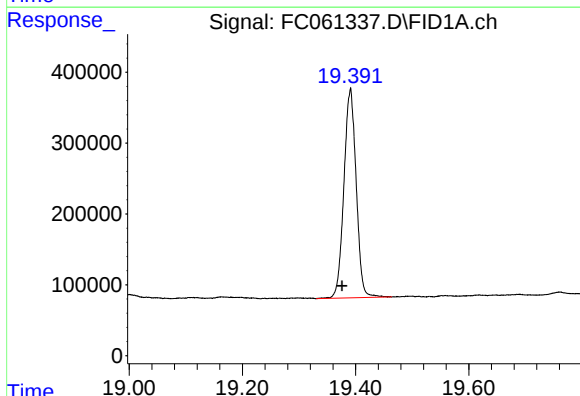
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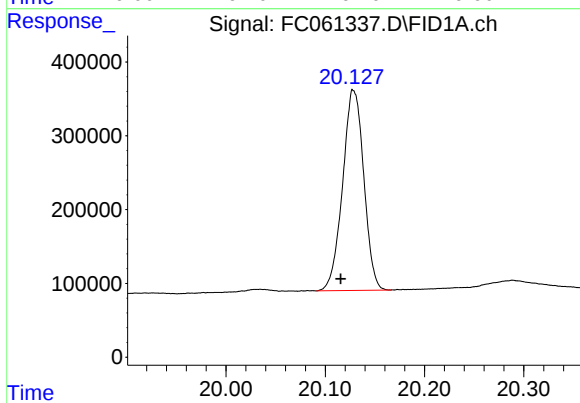
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: 0.015 min
Response: 4443990
Conc: 40.49 ug/ml m



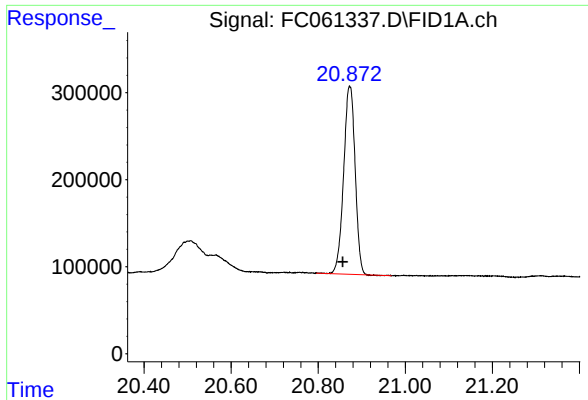
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min
Delta R.T.: 0.014 min
Response: 4443296
Conc: 57.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: 0.011 min
Response: 4030871
Conc: 71.40 ug/ml m



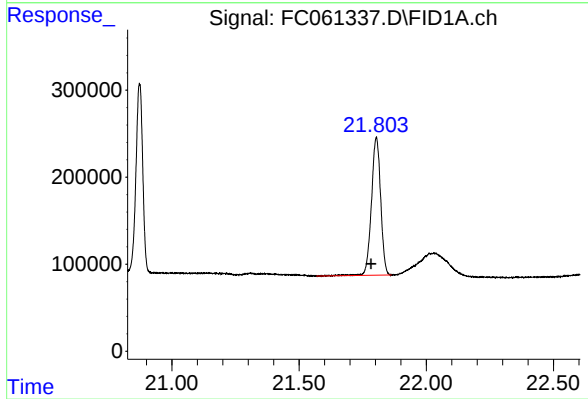
#21 n-Octatriacontane (C38)

R.T.: 20.873 min
Delta R.T.: 0.016 min
Response: 3948734
Conc: 85.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.803 min
Delta R.T.: 0.021 min
Response: 3993192
Conc: 95.20 ug/ml