

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
 Data File : FC061336.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2022 21:43
 Operator : YP/AJ
 Sample : N4398-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

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 04:59:32 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)	11.643	4433517	25.044 ug/ml
Spiked Amount 50.000		Recovery =	50.09%
12) S 1-chlorooctadecane (S...	13.073	3491690	24.932 ug/ml
Spiked Amount 50.000		Recovery =	49.86%
Target Compounds			
1) T n-Nonane (C9)	3.415	3736757	24.716 ug/ml
2) T n-Decane (C10)	4.482	4351884	28.680 ug/ml
3) T A~Naphthalene (C11.7)	6.067	4973580	28.732 ug/ml
4) T n-Dodecane (C12)	6.494	4923441	31.790 ug/ml
5) T A~2-methylnaphthalene...	7.120	5060052	28.737 ug/ml
6) T n-Tetradecane (C14)	8.288	5118833	32.726 ug/ml
7) T n-Hexadecane (C16)	9.885	5288893	33.766 ug/ml
8) T n-Octadecane (C18)	11.324	5385140	34.134 ug/ml
10) T n-Eicosane (C20)	12.631	5255767	33.808 ug/ml
11) T n-Heneicosane (C21)	13.241	5246704	33.543 ug/ml
13) T n-Docosane (C22)	13.826	5139483	33.119 ug/ml
14) T n-Tetracosane (C24)	14.913	9537472	61.651 ug/ml
15) T n-Hexacosane (C26)	15.947	4907129	32.605 ug/ml
16) T n-Octacosane (C28)	16.894	4984745	33.748 ug/ml
17) T n-Tricontane (C30)	17.782	6287723	45.524 ug/ml
18) T n-Dotriacontane (C32)	18.614	8664601	78.938 ug/ml
19) T n-Tetratriacontane (C34)	19.396	9142628	118.447 ug/ml
20) T n-Hexatriacontane (C36)	20.133	7906452	140.040 ug/mlm
21) T n-Octatriacontane (C38)	20.877	6733068	145.136 ug/ml
22) T n-Tetracontane (C40)	21.809	5738338	136.810 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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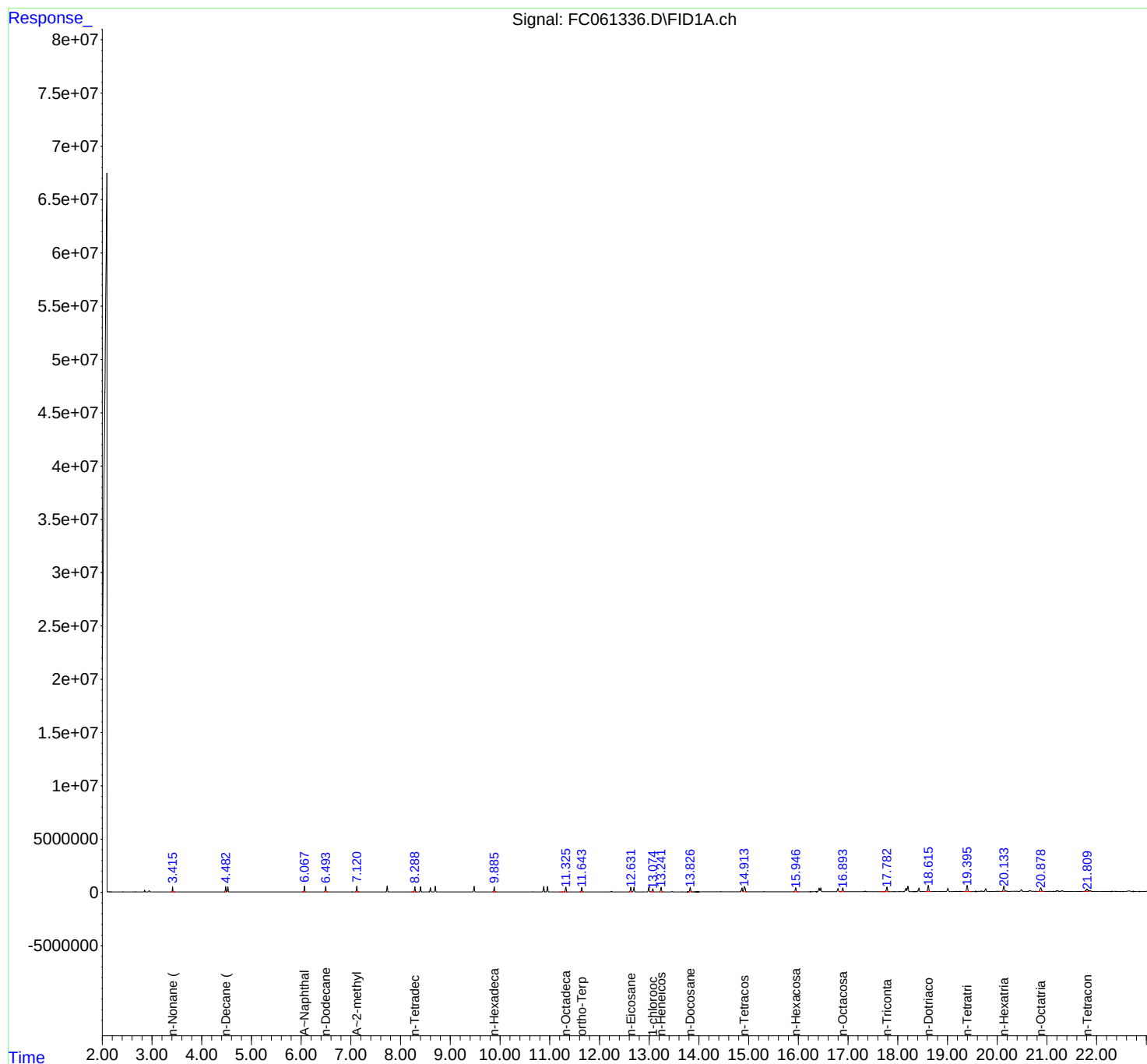
Instrument :
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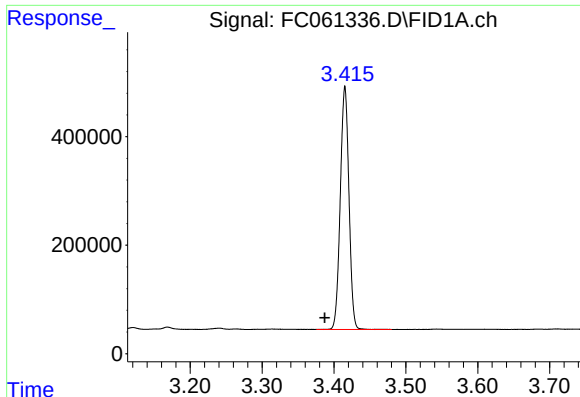
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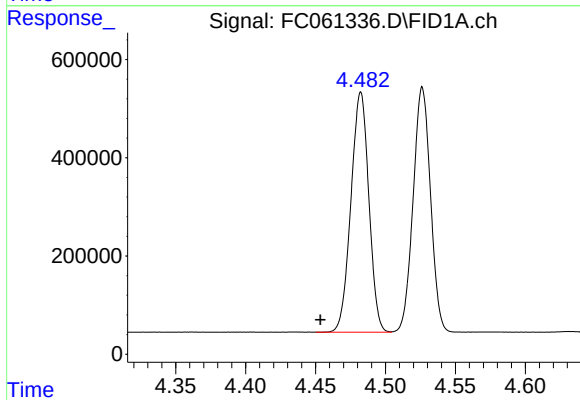
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: 0.028 min
Response: 3736757
Conc: 24.72 ug/ml

Instrument :
FID_C
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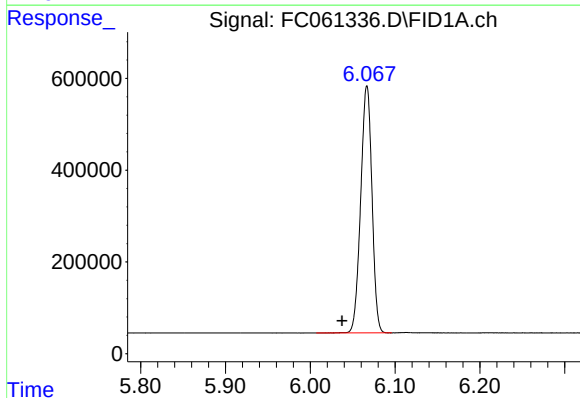
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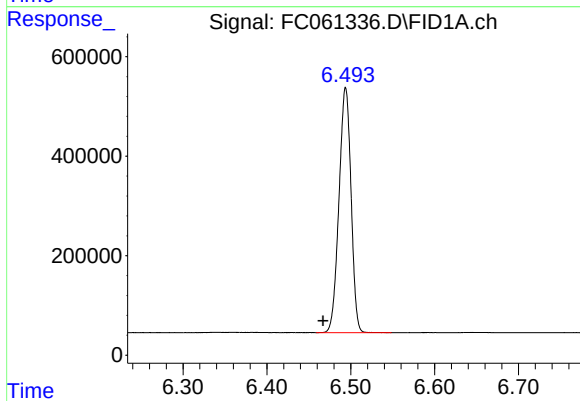
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.029 min
Response: 4351884
Conc: 28.68 ug/ml



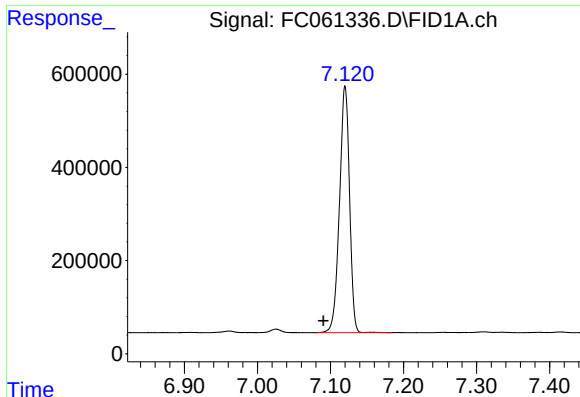
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: 0.029 min
Response: 4973580
Conc: 28.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.027 min
Response: 4923441
Conc: 31.79 ug/ml



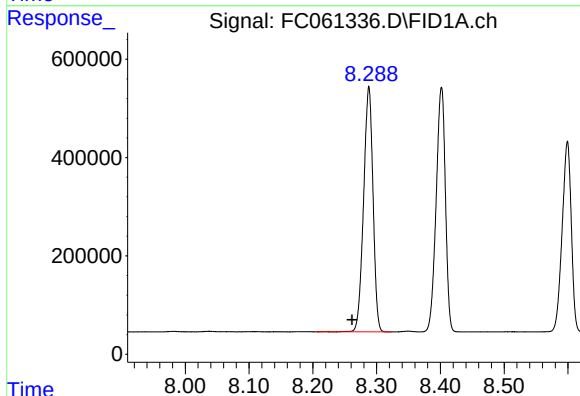
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: 0.029 min
Response: 5060052
Conc: 28.74 ug/ml

Instrument :
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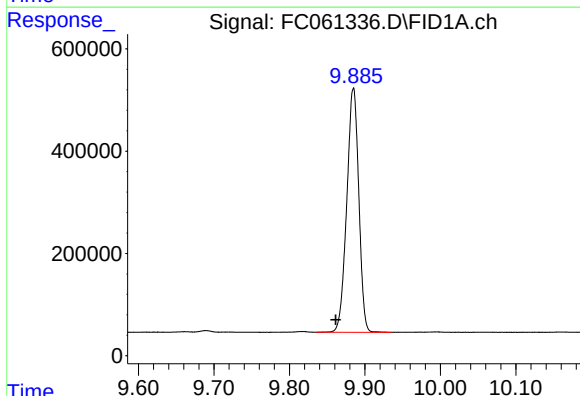
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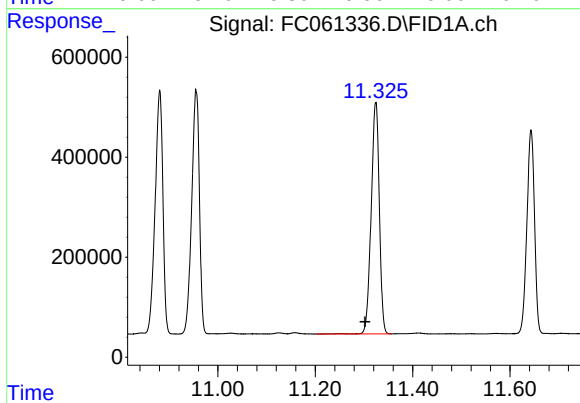
#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: 0.026 min
Response: 5118833
Conc: 32.73 ug/ml



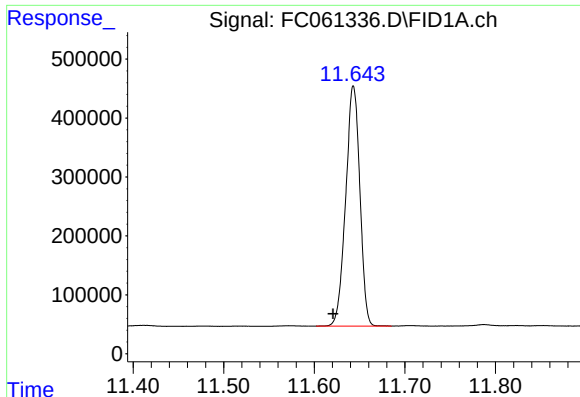
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: 0.023 min
Response: 5288893
Conc: 33.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: 0.022 min
Response: 5385140
Conc: 34.13 ug/ml



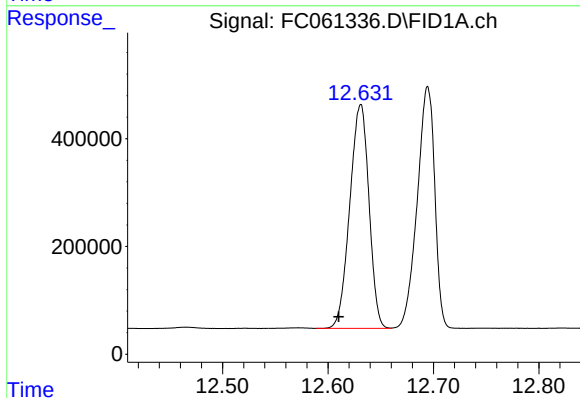
#9 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.023 min
Response: 4433517
Conc: 25.04 ug/ml

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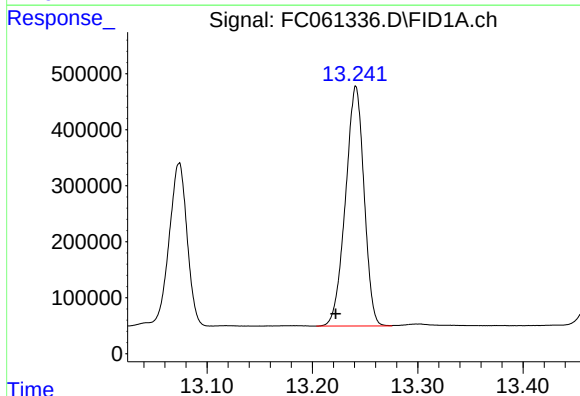
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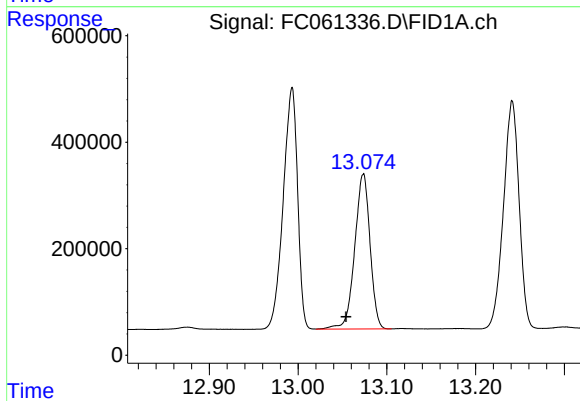
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: 0.021 min
Response: 5255767
Conc: 33.81 ug/ml



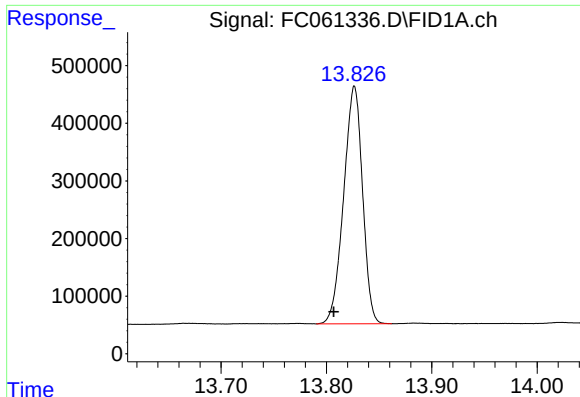
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: 0.019 min
Response: 5246704
Conc: 33.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.073 min
Delta R.T.: 0.019 min
Response: 3491690
Conc: 24.93 ug/ml



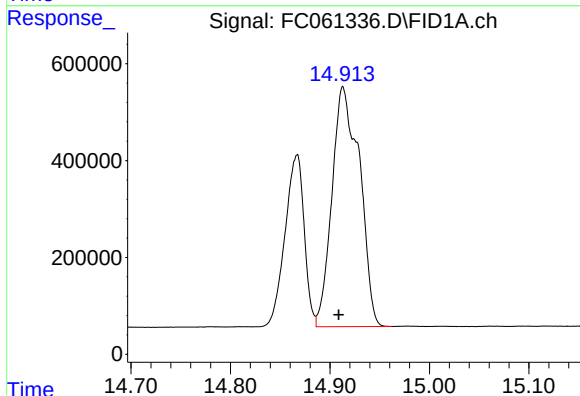
#13 n-Docosane (C22)

R.T.: 13.826 min
Delta R.T.: 0.019 min
Response: 5139483
Conc: 33.12 ug/ml

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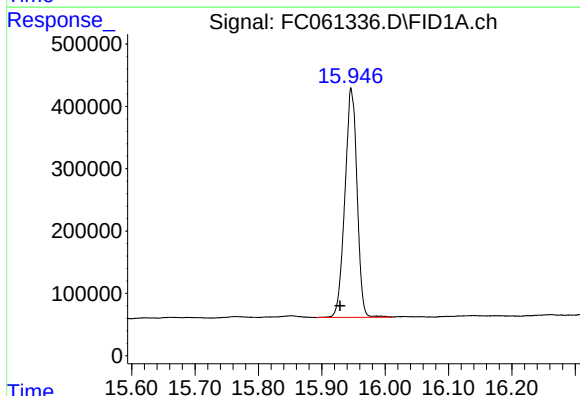
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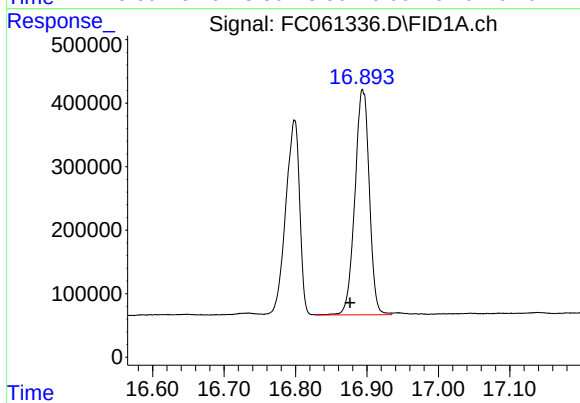
#14 n-Tetracosane (C24)

R.T.: 14.913 min
Delta R.T.: 0.005 min
Response: 9537472
Conc: 61.65 ug/ml



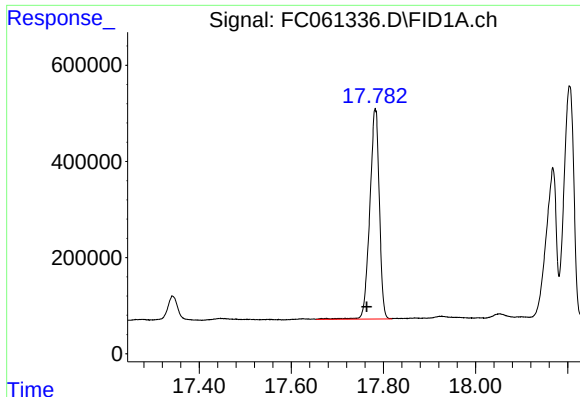
#15 n-Hexacosane (C26)

R.T.: 15.947 min
Delta R.T.: 0.018 min
Response: 4907129
Conc: 32.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.894 min
Delta R.T.: 0.018 min
Response: 4984745
Conc: 33.75 ug/ml



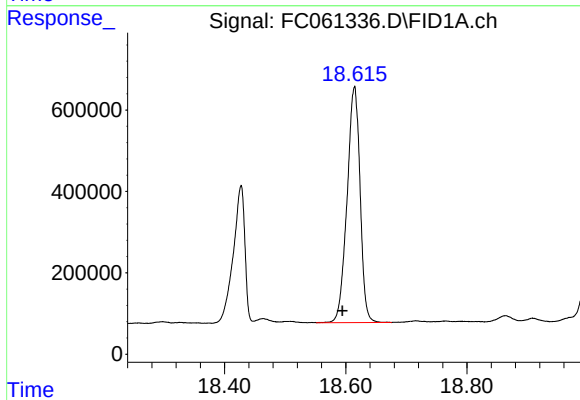
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: 0.018 min
Response: 6287723
Conc: 45.52 ug/ml

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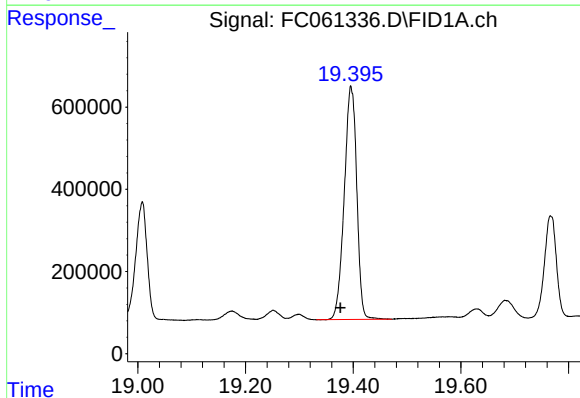
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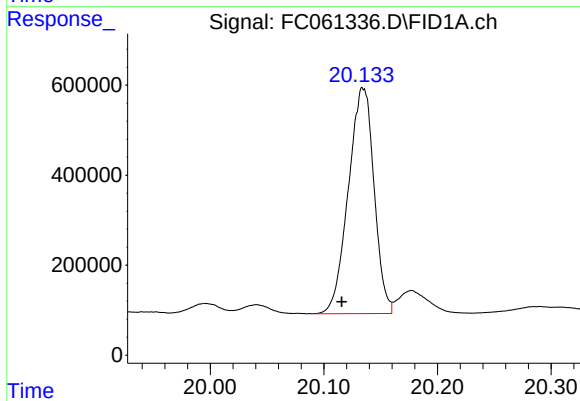
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: 0.019 min
Response: 8664601
Conc: 78.94 ug/ml



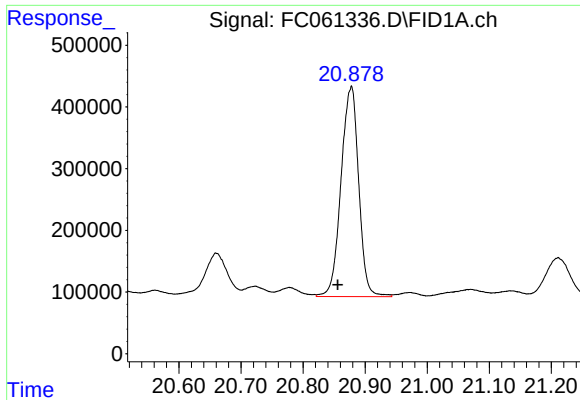
#19 n-Tetratriacontane (C34)

R.T.: 19.396 min
Delta R.T.: 0.020 min
Response: 9142628
Conc: 118.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.133 min
Delta R.T.: 0.018 min
Response: 7906452
Conc: 140.04 ug/ml m



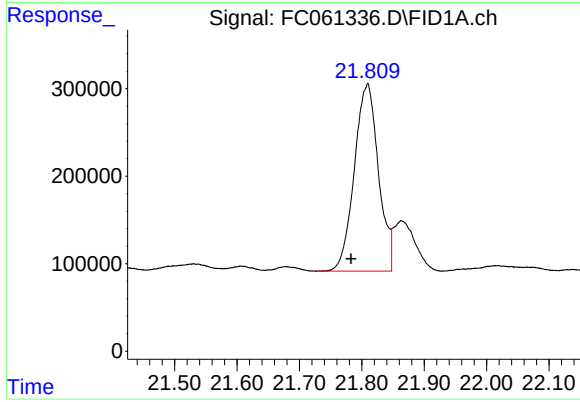
#21 n-Octatriacontane (C38)

R.T.: 20.877 min
Delta R.T.: 0.021 min
Response: 6733068
Conc: 145.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.809 min
Delta R.T.: 0.026 min
Response: 5738338
Conc: 136.81 ug/ml