

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121522AL\
 Data File : FC062449.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2022 19:06
 Operator : YP/AJ
 Sample : N6065-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-23MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2022
 Supervised By :Ankita Jodhani 12/16/2022

Integration File: autoint1.e
 Quant Time: Dec 16 03:10:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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)	11.574	4267054	30.250 ug/ml
Spiked Amount 50.000		Recovery =	60.50%
12) S 1-chlorooctadecane (S...	13.012	3484007	32.688 ug/ml
Spiked Amount 50.000		Recovery =	65.38%
Target Compounds			
1) T n-Nonane (C9)	3.325	2909082	22.619 ug/ml
2) T n-Decane (C10)	4.394	3167747	25.464 ug/ml
3) T A~Naphthalene (C11.7)	5.980	5376661	37.890 ug/ml
4) T n-Dodecane (C12)	6.415	3254447	25.982 ug/ml
5) T A~2-methylnaphthalene...	7.039	5115227	39.783 ug/ml
6) T n-Tetradecane (C14)	8.215	3121440	25.631 ug/ml
7) T n-Hexadecane (C16)	9.816	3237175	25.791 ug/ml
8) T n-Octadecane (C18)	11.259	3224251	25.238 ug/ml
10) T n-Eicosane (C20)	12.567	3009569	24.194 ug/ml
11) T n-Heneicosane (C21)	13.180	2854699	23.101 ug/ml
13) T n-Docosane (C22)	13.766	2783675	22.916 ug/ml
14) T n-Tetracosane (C24)	14.867	1973775	16.466 ug/mlm
15) T n-Hexacosane (C26)	15.889	2417192	20.808 ug/ml
16) T n-Octacosane (C28)	16.837	2270913	19.981 ug/ml
17) T n-Tricontane (C30)	17.725	2128899	19.042 ug/ml
18) T n-Dotriacontane (C32)	18.557	2263278	20.368 ug/ml
19) T n-Tetratriacontane (C34)	19.338	3051119	28.203 ug/ml
20) T n-Hexatriacontane (C36)	20.077	4431082	43.646 ug/ml
21) T n-Octatriacontane (C38)	20.815	6149396	60.106 ug/ml
22) T n-Tetracontane (C40)	21.737	7828754	77.247 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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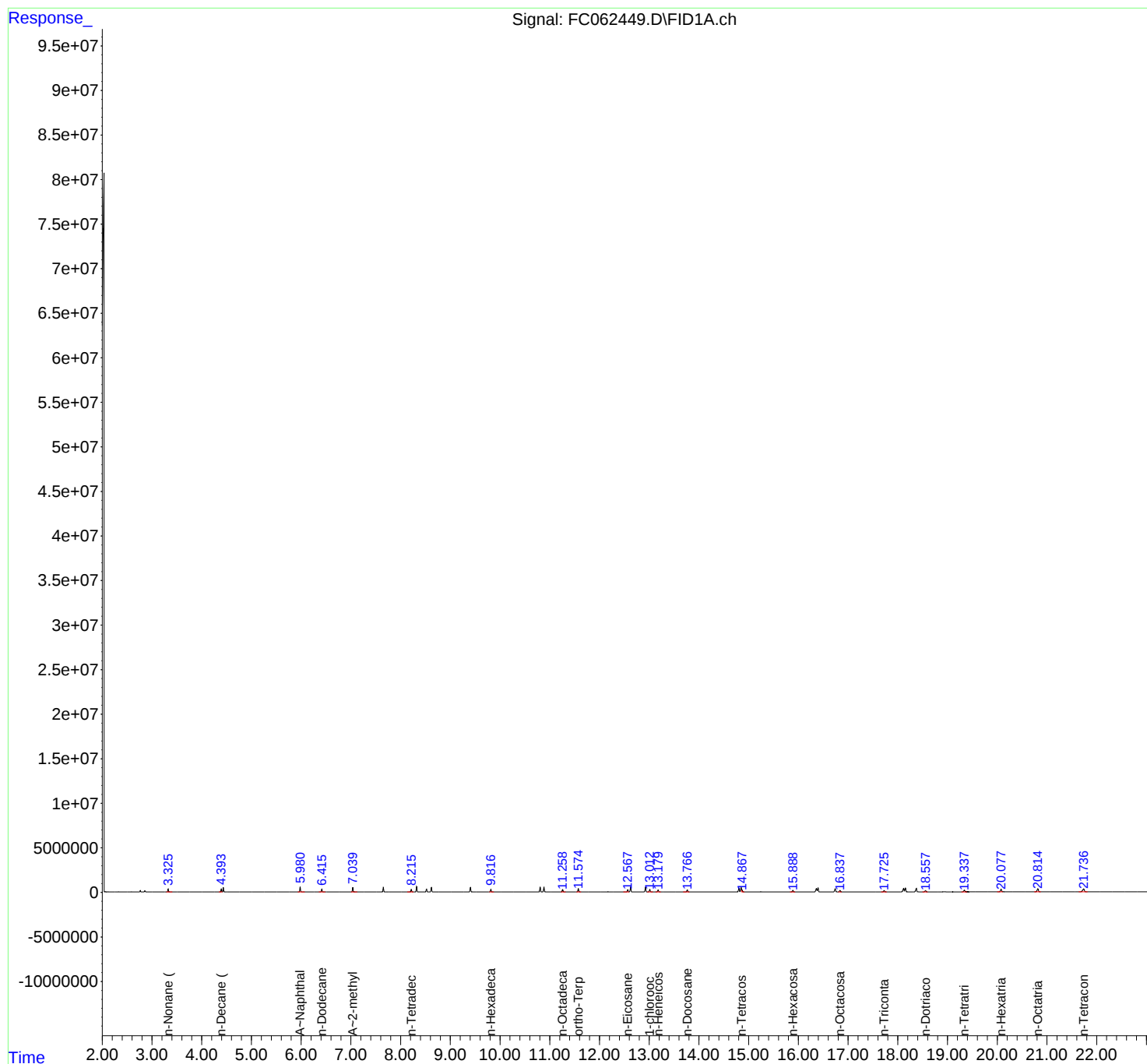
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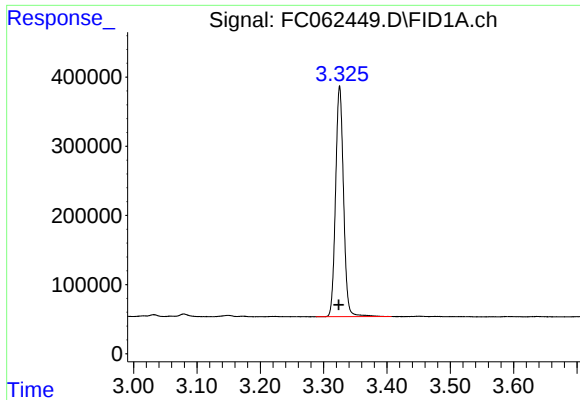
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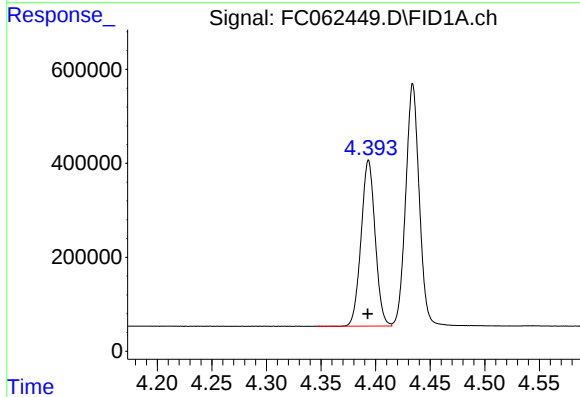
#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: 0.001 min
Response: 2909082
Conc: 22.62 ug/ml

Instrument :
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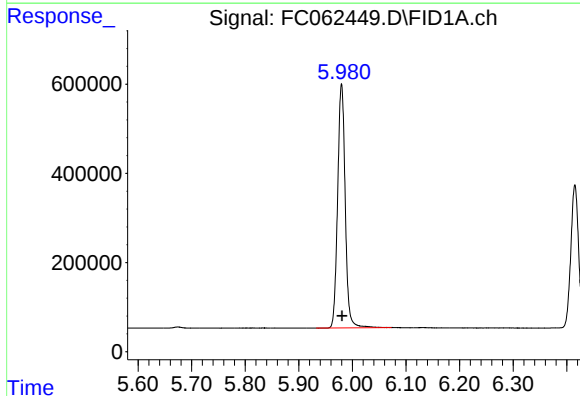
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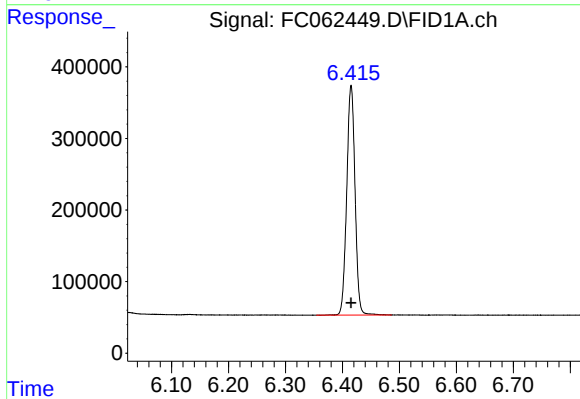
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 3167747
Conc: 25.46 ug/ml



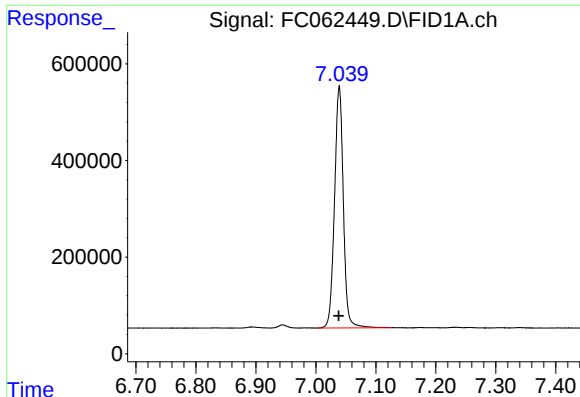
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.001 min
Response: 5376661
Conc: 37.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 3254447
Conc: 25.98 ug/ml



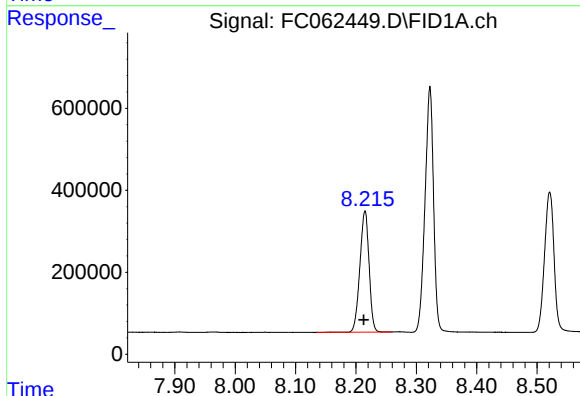
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 5115227
Conc: 39.78 ug/ml

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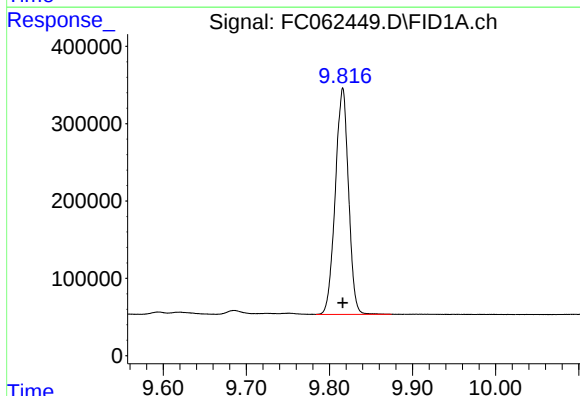
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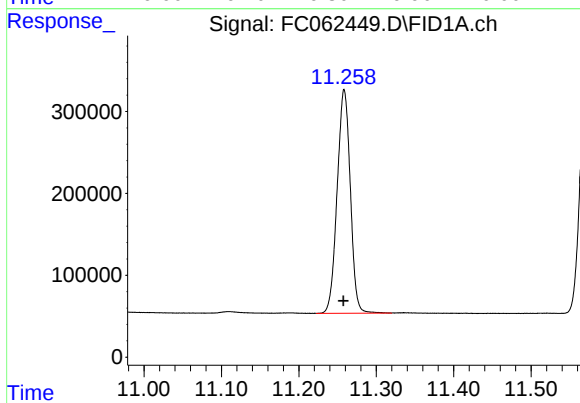
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: 0.002 min
Response: 3121440
Conc: 25.63 ug/ml



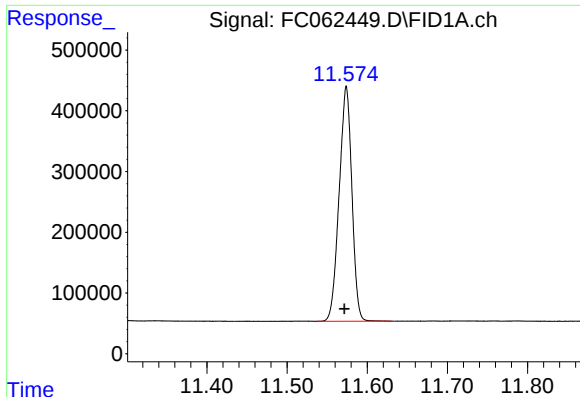
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: 0.000 min
Response: 3237175
Conc: 25.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: 0.000 min
Response: 3224251
Conc: 25.24 ug/ml



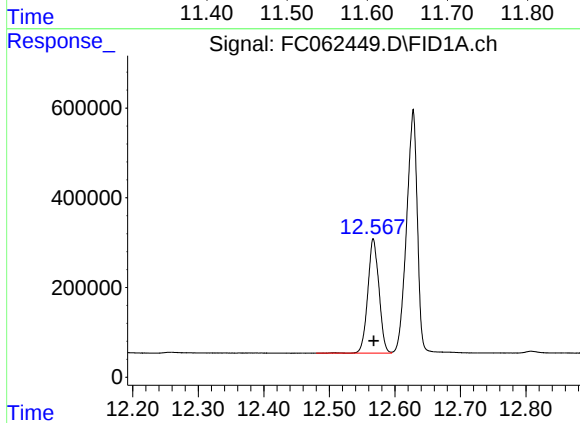
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: 0.003 min
Response: 4267054
Conc: 30.25 ug/ml

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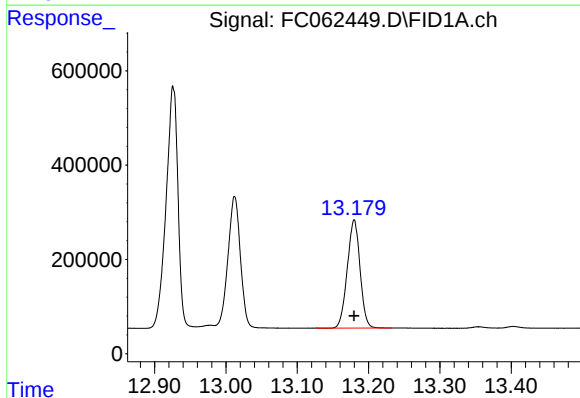
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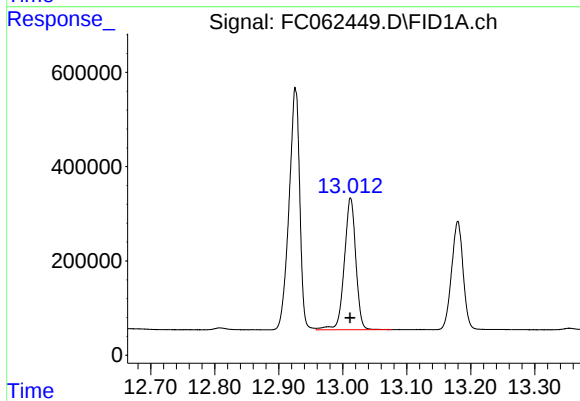
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: 0.000 min
Response: 3009569
Conc: 24.19 ug/ml



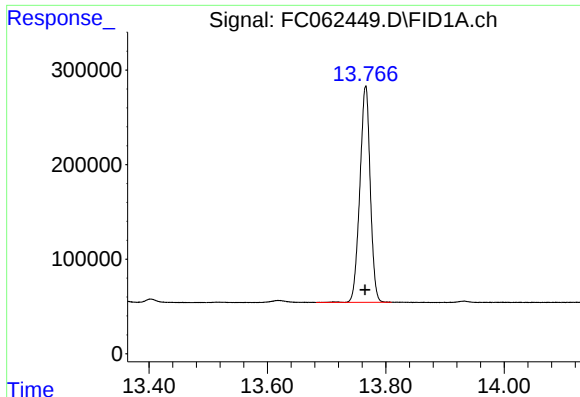
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.000 min
Response: 2854699
Conc: 23.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 3484007
Conc: 32.69 ug/ml



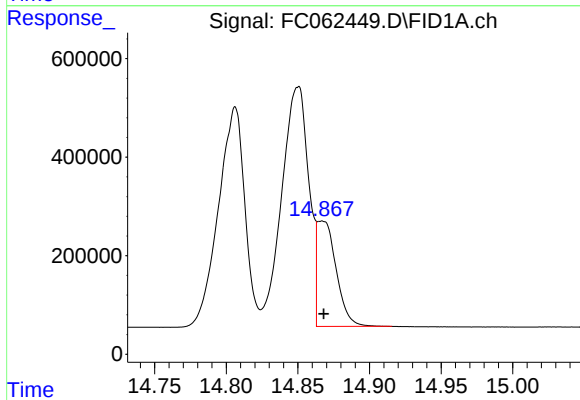
#13 n-Docosane (C22)

R.T.: 13.766 min
Delta R.T.: 0.001 min
Response: 2783675
Conc: 22.92 ug/ml

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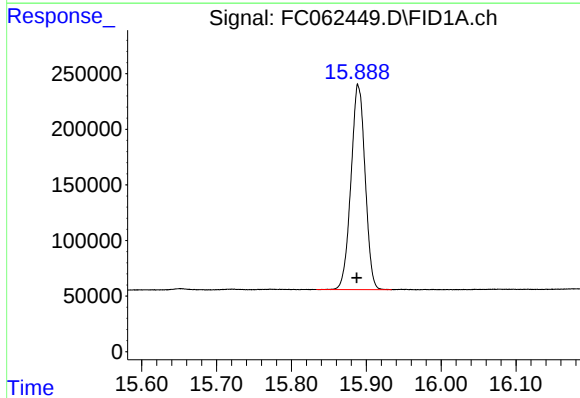
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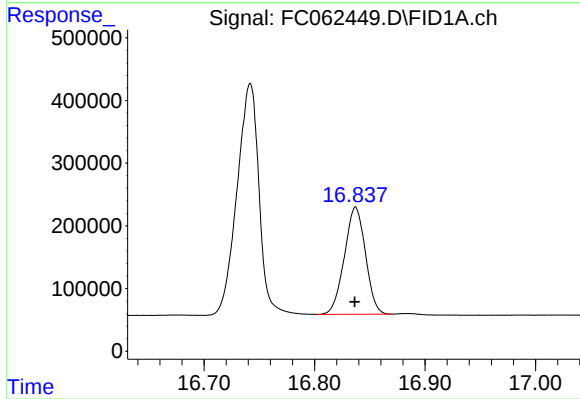
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.001 min
Response: 1973775
Conc: 16.47 ug/ml m



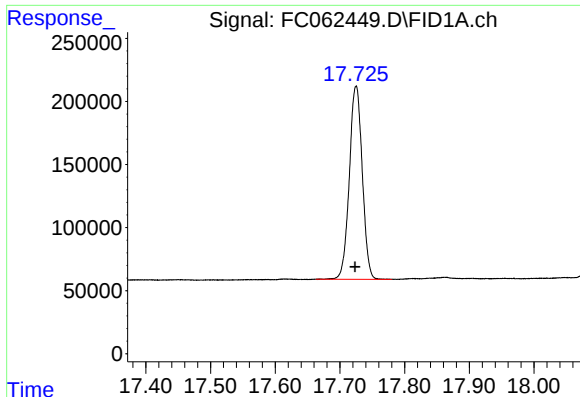
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.002 min
Response: 2417192
Conc: 20.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: 0.000 min
Response: 2270913
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: 0.002 min
Response: 2128899
Conc: 19.04 ug/ml

Instrument :

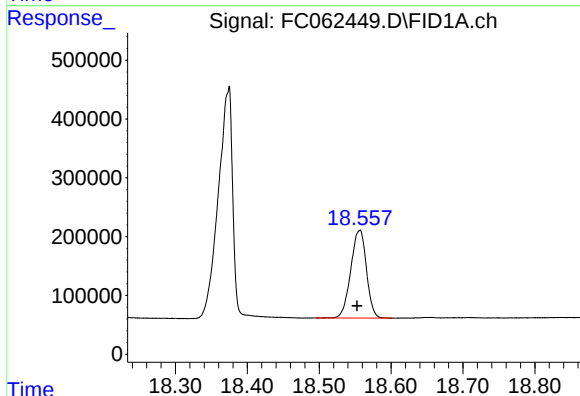
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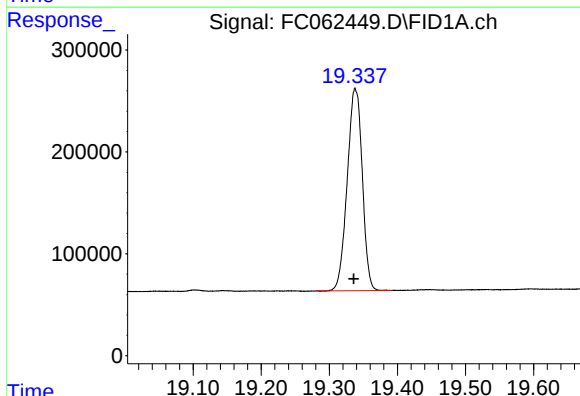
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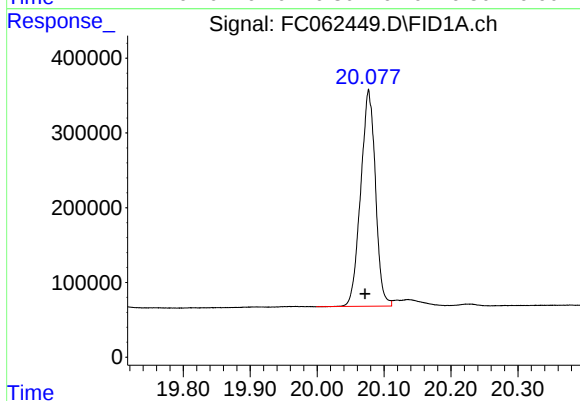
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: 0.004 min
Response: 2263278
Conc: 20.37 ug/ml



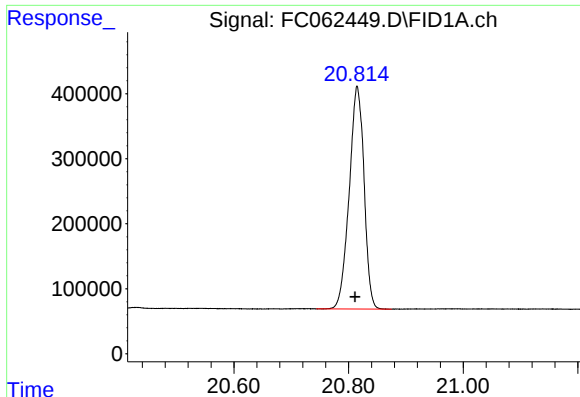
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.002 min
Response: 3051119
Conc: 28.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: 0.005 min
Response: 4431082
Conc: 43.65 ug/ml



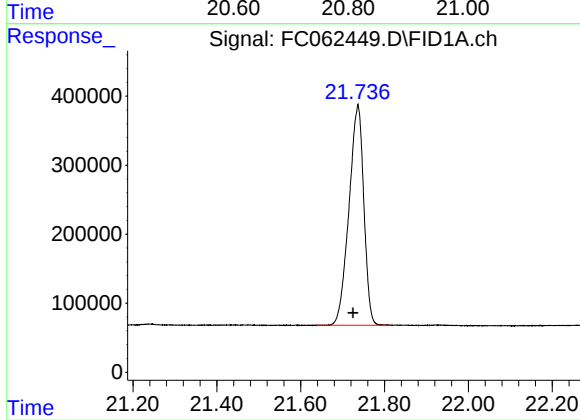
#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: 0.004 min
Response: 6149396
Conc: 60.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.737 min
Delta R.T.: 0.011 min
Response: 7828754
Conc: 77.25 ug/ml