

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110922AL\
 Data File : FC062120.D
 Signal(s) : FID1A.ch
 Acq On : 09 Nov 2022 16:55
 Operator : YP/AJ
 Sample : PB148924BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB148924BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 10 03:16:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.593	5863078	39.444 ug/ml
Spiked Amount 50.000		Recovery =	78.89%
12) S 1-chlorooctadecane (S...	13.029	4599509	39.480 ug/ml
Spiked Amount 50.000		Recovery =	78.96%
Target Compounds			
1) T n-Nonane (C9)	3.365	5826996	41.426 ug/ml
2) T n-Decane (C10)	4.427	6008842	42.094 ug/ml
3) T A~Naphthalene (C11.7)	6.008	6354609	41.169 ug/ml
4) T n-Dodecane (C12)	6.441	6211601	42.788 ug/ml
5) T A~2-methylnaphthalene...	7.065	6095081	40.179 ug/ml
6) T n-Tetradecane (C14)	8.237	6102925	41.984 ug/ml
7) T n-Hexadecane (C16)	9.835	6131031	42.102 ug/ml
8) T n-Octadecane (C18)	11.278	6065925	41.967 ug/ml
10) T n-Eicosane (C20)	12.586	5653373	40.056 ug/ml
11) T n-Heneicosane (C21)	13.197	5500540	39.642 ug/ml
13) T n-Docosane (C22)	13.782	5414747	39.497 ug/ml
14) T n-Tetracosane (C24)	14.865	10162966	76.915 ug/mlm
15) T n-Hexacosane (C26)	15.904	5033355	39.946 ug/ml
16) T n-Octacosane (C28)	16.849	4926772	40.850 ug/ml
17) T n-Tricontane (C30)	17.736	4805950	40.392 ug/ml
18) T n-Dotriacontane (C32)	18.566	4845051	41.122 ug/ml
19) T n-Tetratriacontane (C34)	19.345	4824383	42.704 ug/ml
20) T n-Hexatriacontane (C36)	20.085	4642765	40.938 ug/ml
21) T n-Octatriacontane (C38)	20.819	4665331	41.463 ug/ml
22) T n-Tetracontane (C40)	21.735	4700846	41.871 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB148924BSD
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ALS Vial : 6 Sample Multiplier: 1

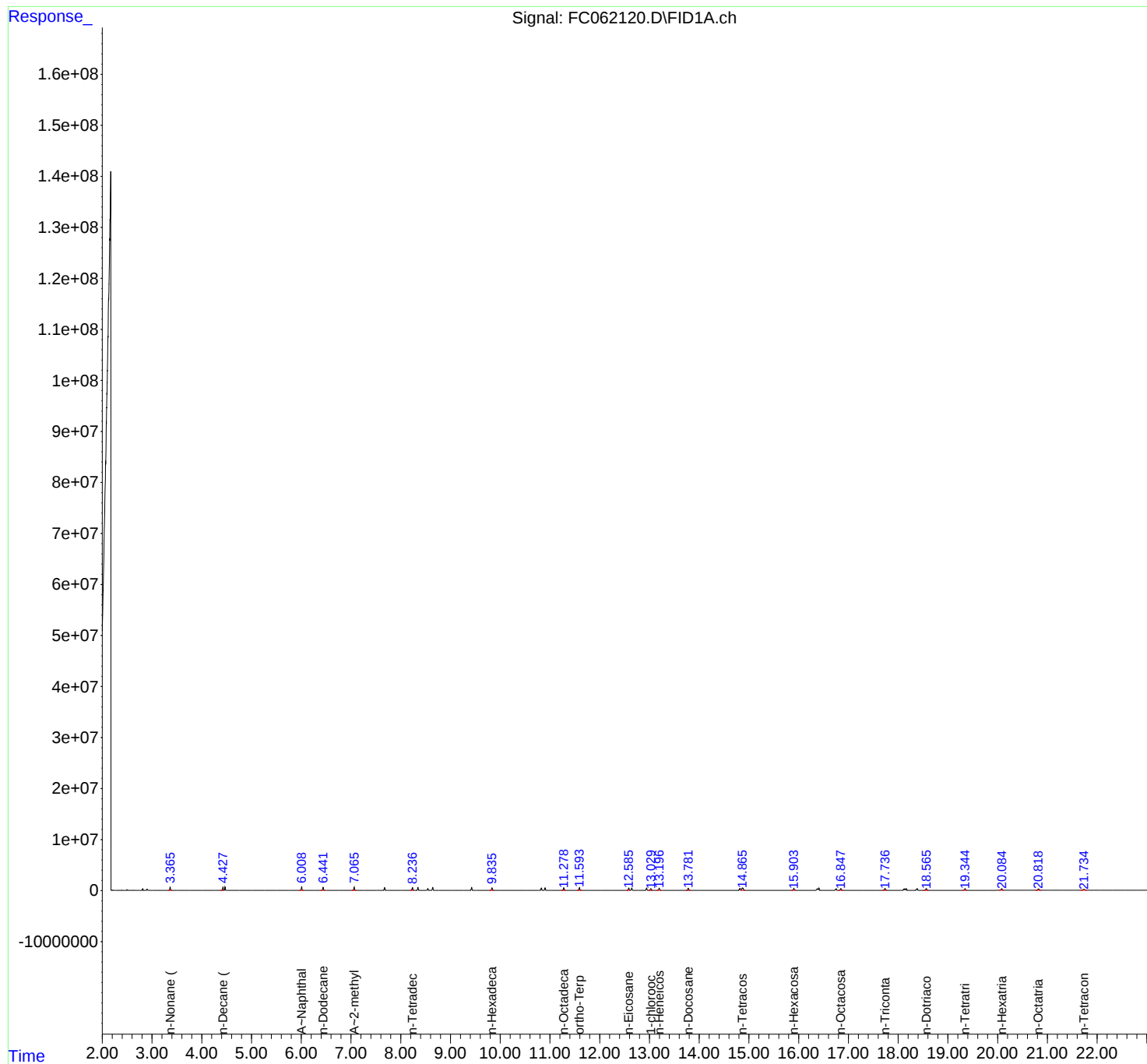
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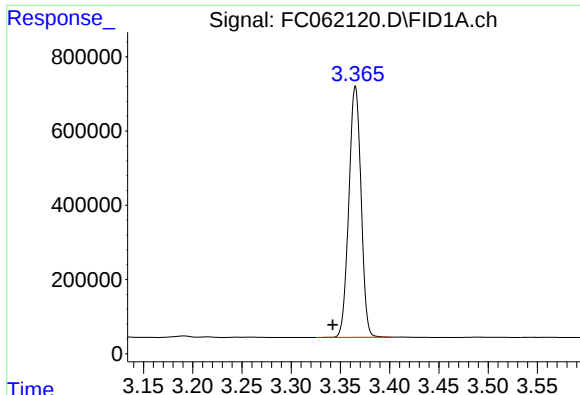
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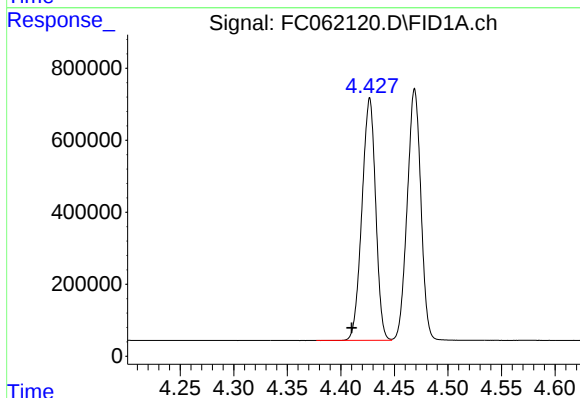
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.023 min
Response: 5826996
Conc: 41.43 ug/ml

Instrument :
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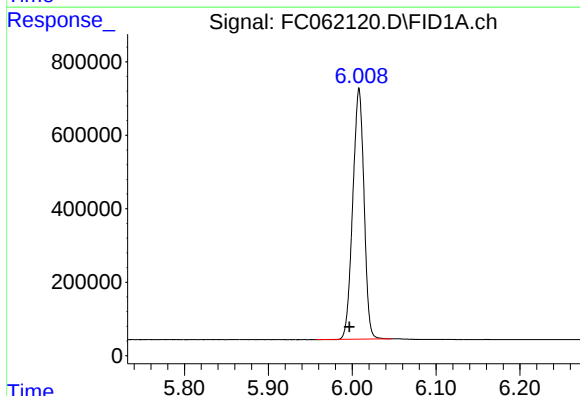
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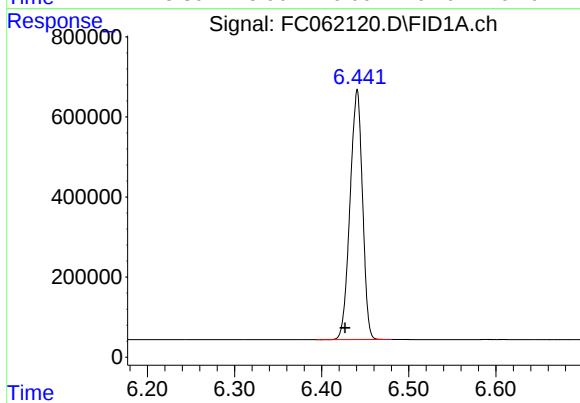
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: 0.017 min
Response: 6008842
Conc: 42.09 ug/ml



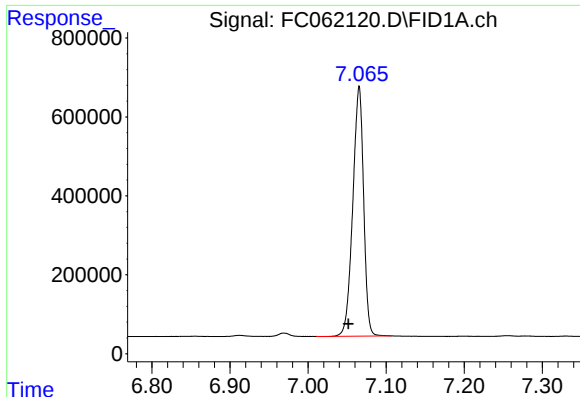
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: 0.012 min
Response: 6354609
Conc: 41.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.441 min
Delta R.T.: 0.014 min
Response: 6211601
Conc: 42.79 ug/ml



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

R.T.: 7.065 min
Delta R.T.: 0.014 min
Response: 6095081
Conc: 40.18 ug/ml

Instrument :

FID_C

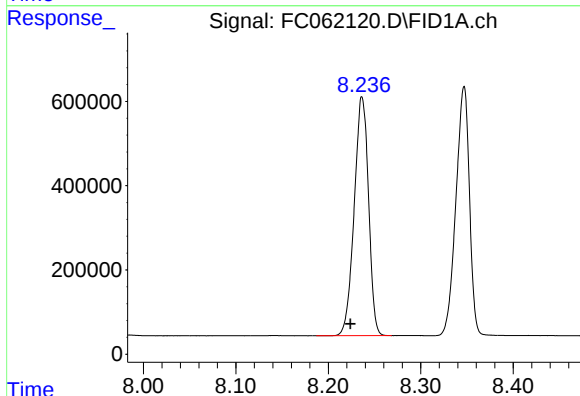
ClientSampleId :

PB148924BSD

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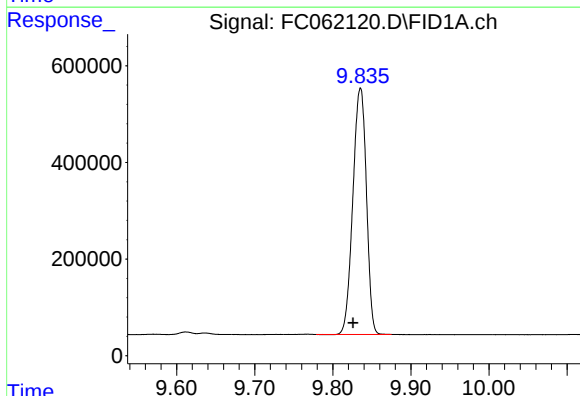
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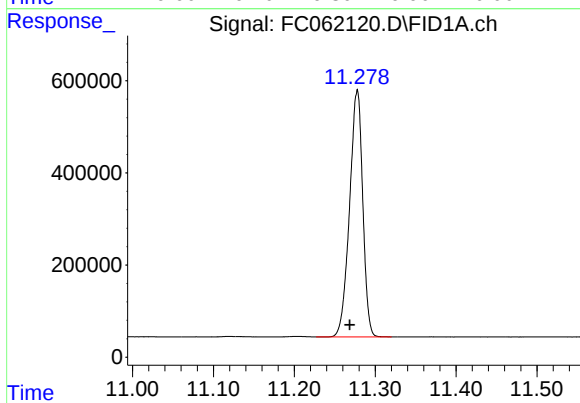
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: 0.013 min
Response: 6102925
Conc: 41.98 ug/ml



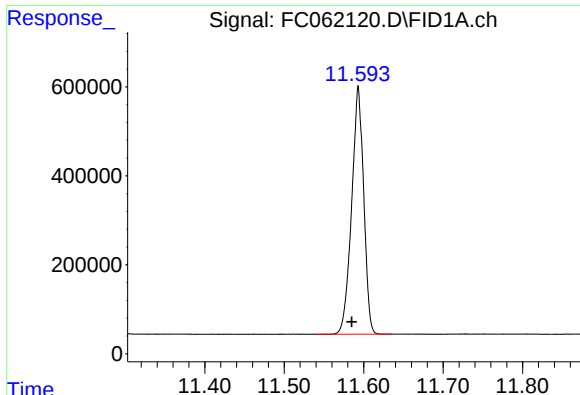
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: 0.009 min
Response: 6131031
Conc: 42.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: 0.009 min
Response: 6065925
Conc: 41.97 ug/ml



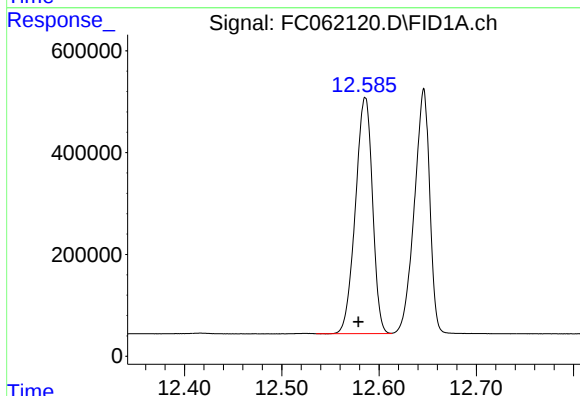
#9 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: 0.008 min
Response: 5863078
Conc: 39.44 ug/ml

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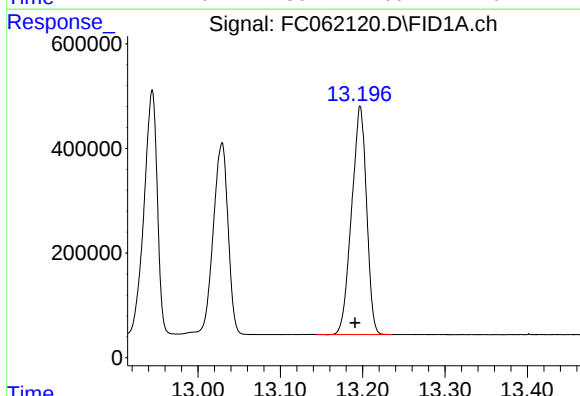
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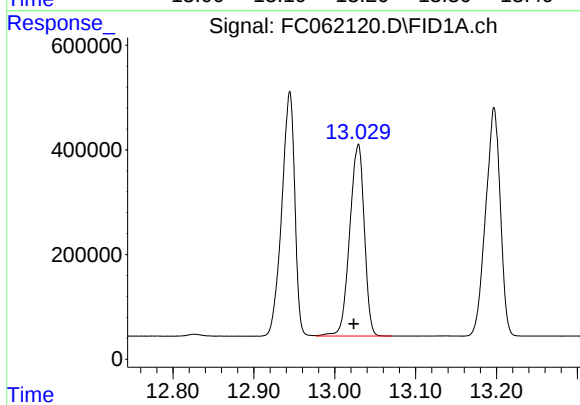
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: 0.007 min
Response: 5653373
Conc: 40.06 ug/ml



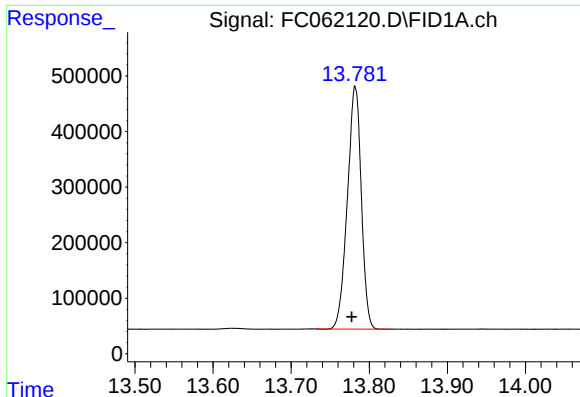
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: 0.006 min
Response: 5500540
Conc: 39.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.029 min
Delta R.T.: 0.006 min
Response: 4599509
Conc: 39.48 ug/ml



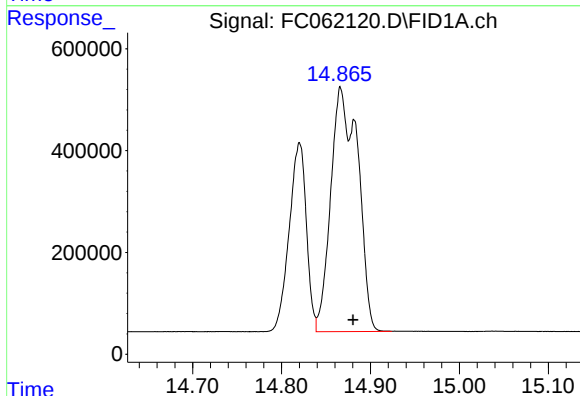
#13 n-Docosane (C22)

R.T.: 13.782 min
Delta R.T.: 0.005 min
Response: 5414747
Conc: 39.50 ug/ml

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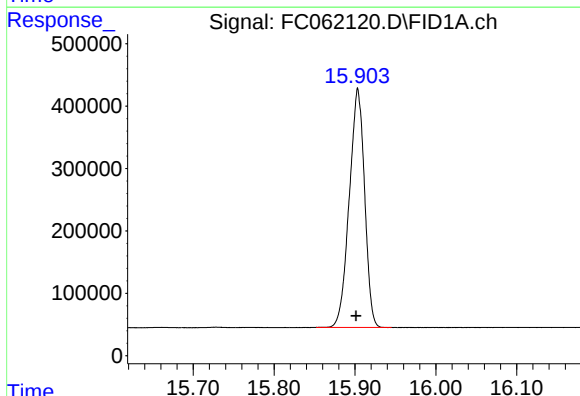
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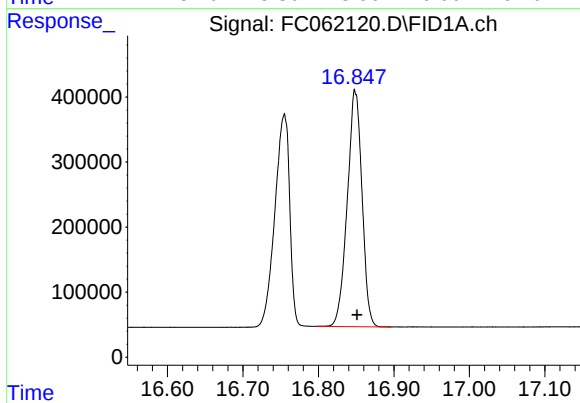
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: -0.015 min
Response: 10162966
Conc: 76.92 ug/ml m



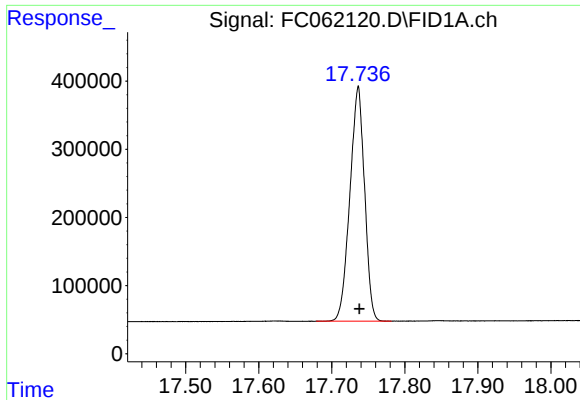
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.002 min
Response: 5033355
Conc: 39.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.002 min
Response: 4926772
Conc: 40.85 ug/ml



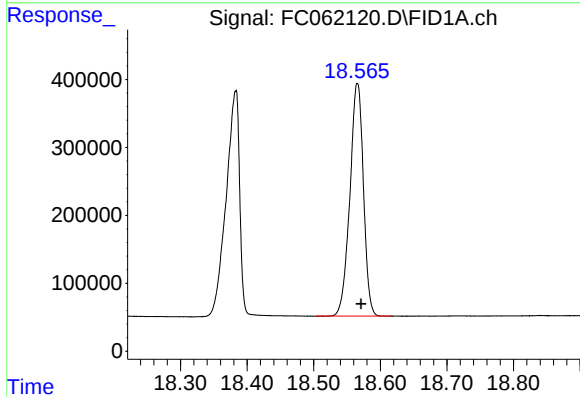
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.002 min
Response: 4805950
Conc: 40.39 ug/ml

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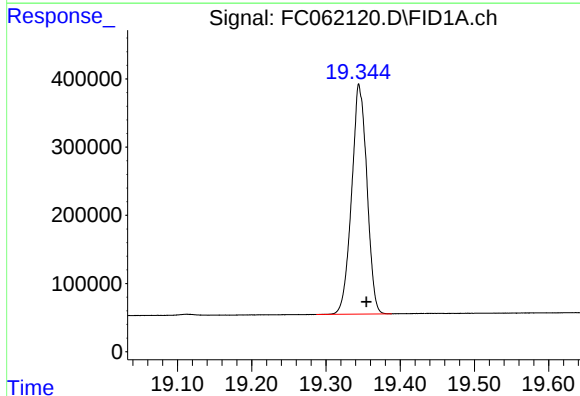
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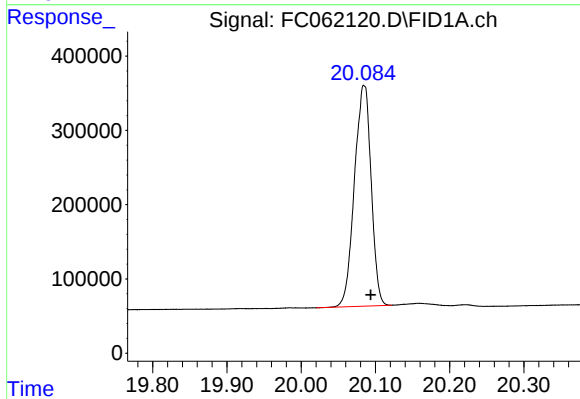
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.005 min
Response: 4845051
Conc: 41.12 ug/ml



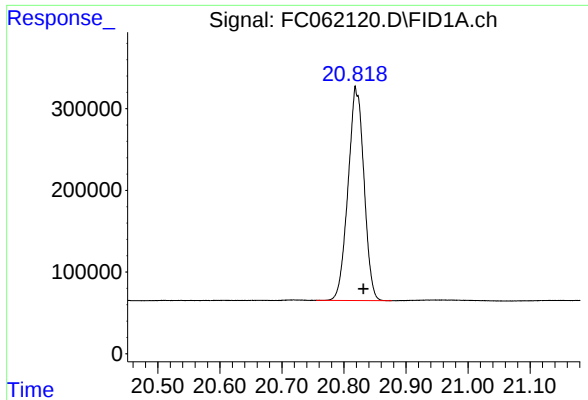
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.010 min
Response: 4824383
Conc: 42.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.009 min
Response: 4642765
Conc: 40.94 ug/ml



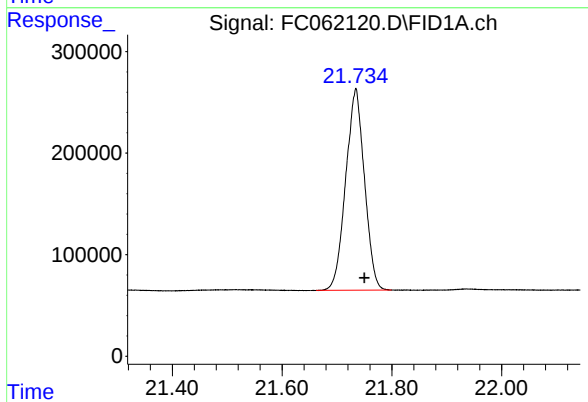
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: -0.013 min
Response: 4665331
Conc: 41.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.735 min
Delta R.T.: -0.015 min
Response: 4700846
Conc: 41.87 ug/ml