

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072222AL\
 Data File : FE036665.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2022 22:34
 Operator : YP\AJ
 Sample : N3833-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-072122MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e
 Quant Time: Jul 23 00:55:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.851	4318176	23.185 ug/ml
Spiked Amount 50.000		Recovery =	46.37%
12) S 1-chlorooctadecane (S...	13.292	3431848	22.556 ug/mlm
Spiked Amount 50.000		Recovery =	45.11%
Target Compounds			
1) T n-Nonane (C9)	3.236	2146979	13.927 ug/ml
2) T n-Decane (C10)	4.492	2451472	15.903 ug/ml
3) T A~Naphthalene (C11.7)	6.194	3152882	18.450 ug/ml
4) T n-Dodecane (C12)	6.662	2859575	18.207 ug/ml
5) T A~2-methylnaphthalene...	7.291	3211191	18.684 ug/ml
6) T n-Tetradecane (C14)	8.489	3171850	19.429 ug/ml
7) T n-Hexadecane (C16)	10.095	3272600	19.855 ug/ml
8) T n-Octadecane (C18)	11.537	3370124	19.830 ug/ml
10) T n-Eicosane (C20)	12.847	3398618	19.980 ug/ml
11) T n-Heneicosane (C21)	13.459	3262571	19.062 ug/ml
13) T n-Docosane (C22)	14.046	3338874	19.556 ug/ml
14) T n-Tetracosane (C24)	15.148	3047051	17.875 ug/ml
15) T n-Hexacosane (C26)	16.172	3084932	18.452 ug/ml
16) T n-Octacosane (C28)	17.123	3201613	19.603 ug/mlm
17) T n-Tricontane (C30)	18.011	2898717	19.076 ug/mlm
18) T n-Dotriacontane (C32)	18.848	2938349	24.431 ug/mlm
19) T n-Tetratriacontane (C34)	19.634	3362932	40.383 ug/mlm
20) T n-Hexatriacontane (C36)	20.378	2402215	40.912 ug/mlm
21) T n-Octatriacontane (C38)	21.103	2704604	53.944 ug/mlm
22) T n-Tetracontane (C40)	22.001	2362155	45.741 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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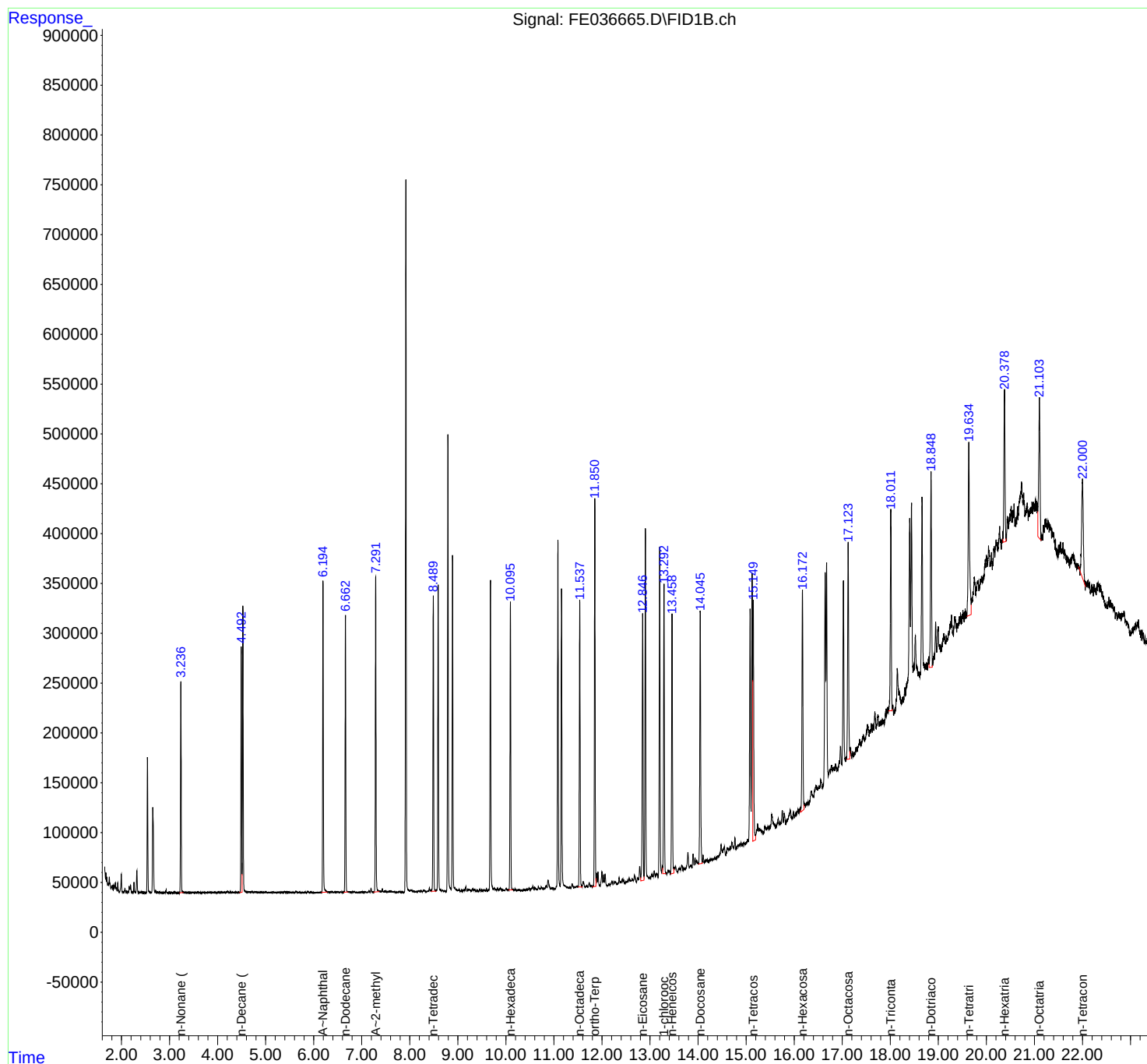
Instrument :
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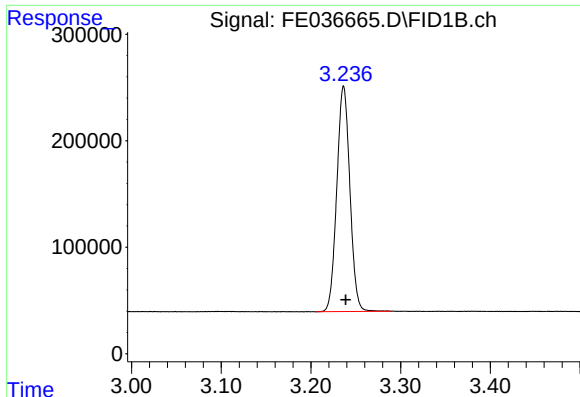
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#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 2146979
Conc: 13.93 ug/ml

Instrument :

FID_E

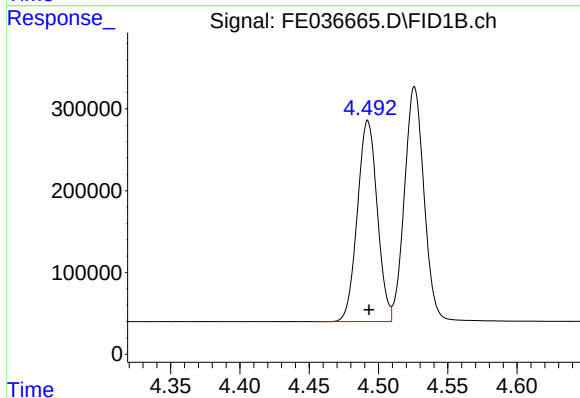
ClientSampleId :

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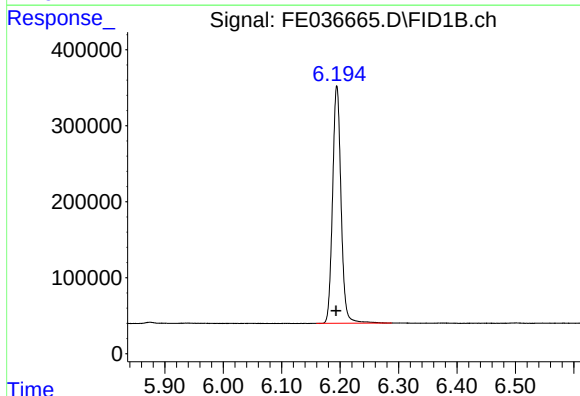
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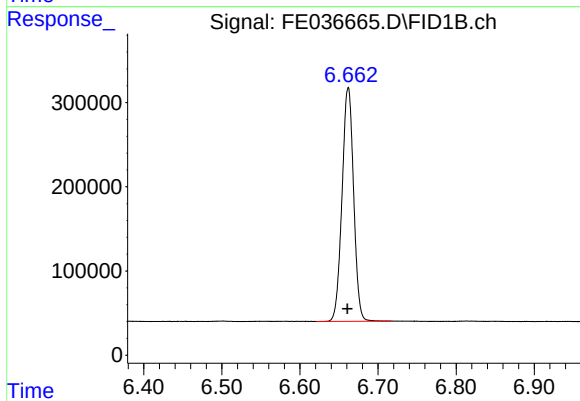
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 2451472
Conc: 15.90 ug/ml



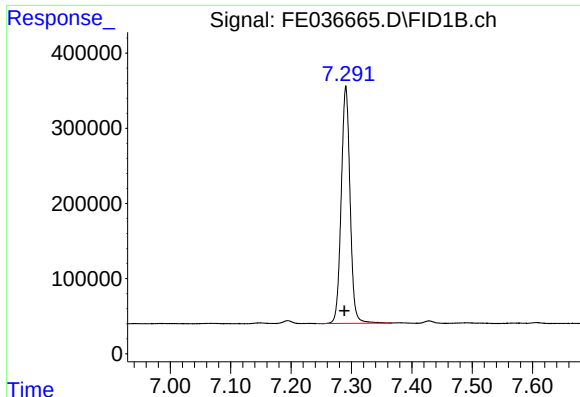
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 3152882
Conc: 18.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 2859575
Conc: 18.21 ug/ml



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

R.T.: 7.291 min
Delta R.T.: 0.002 min
Response: 3211191
Conc: 18.68 ug/ml

Instrument :

FID_E

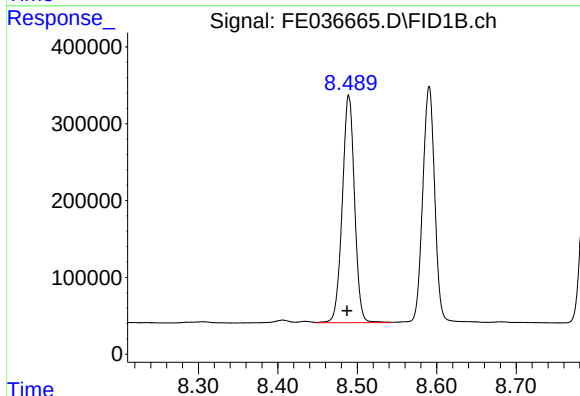
ClientSampleId :

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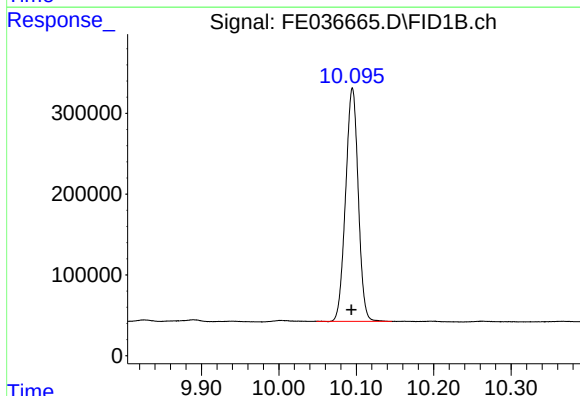
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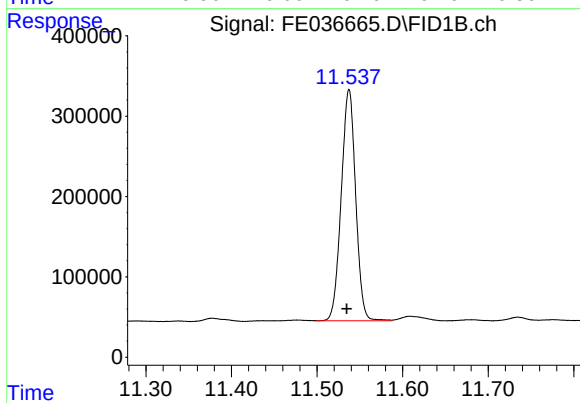
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: 0.002 min
Response: 3171850
Conc: 19.43 ug/ml



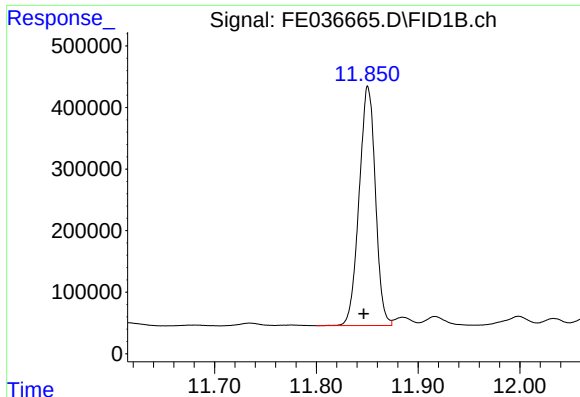
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: 0.001 min
Response: 3272600
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: 0.003 min
Response: 3370124
Conc: 19.83 ug/ml



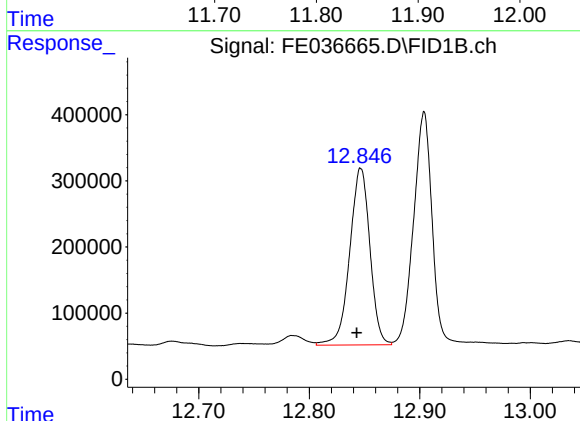
#9 ortho-Terphenyl (SURR)

R.T.: 11.851 min
Delta R.T.: 0.004 min
Response: 4318176
Conc: 23.19 ug/ml

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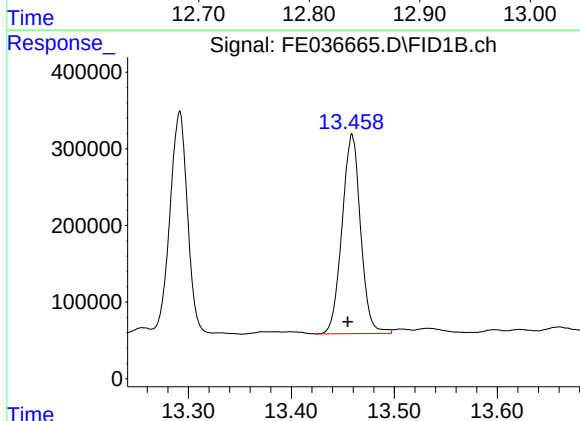
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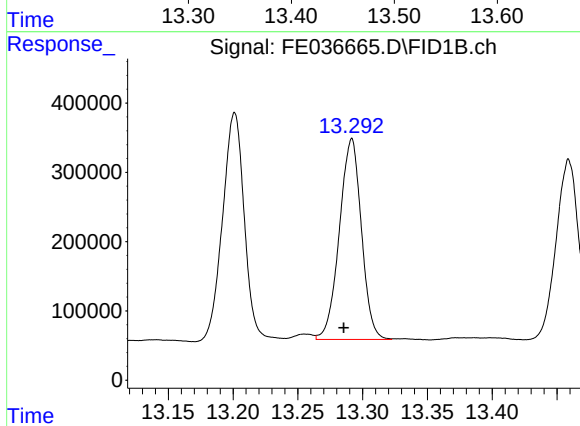
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: 0.004 min
Response: 3398618
Conc: 19.98 ug/ml



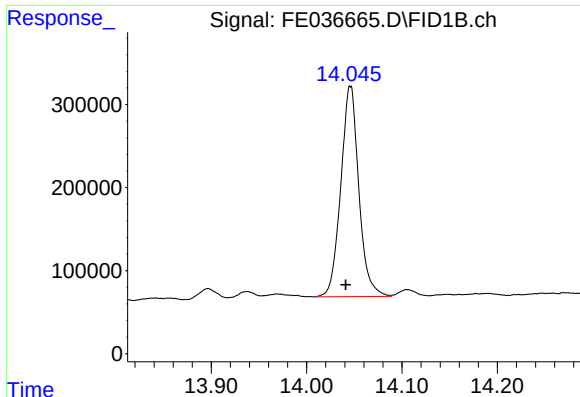
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: 0.004 min
Response: 3262571
Conc: 19.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: 0.006 min
Response: 3431848
Conc: 22.56 ug/ml m



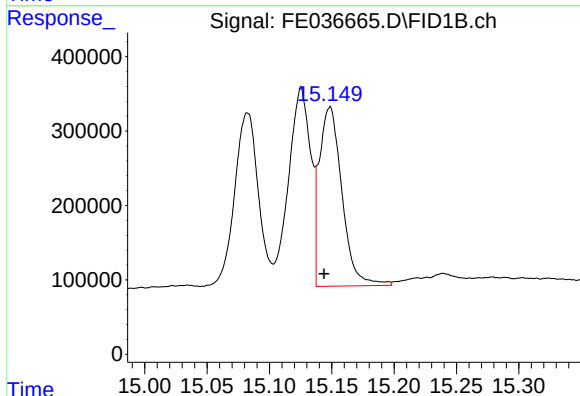
#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: 0.005 min
Response: 3338874
Conc: 19.56 ug/ml

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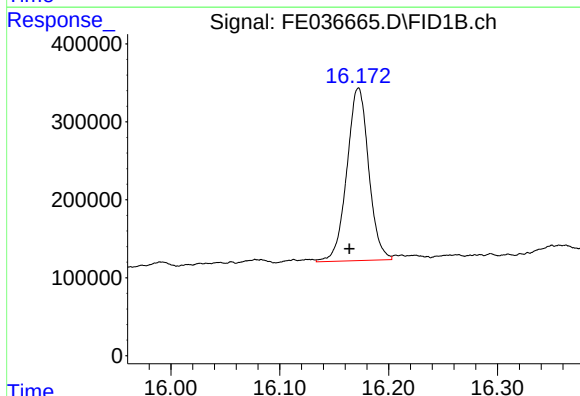
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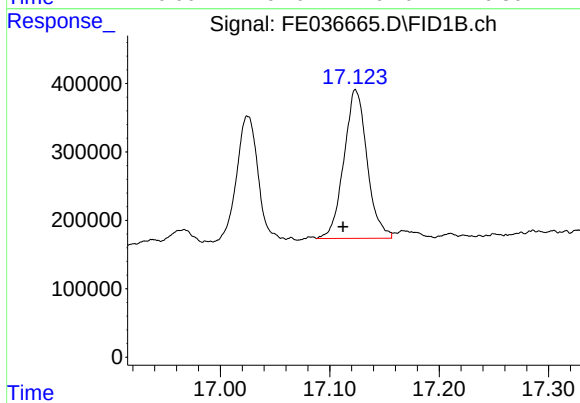
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: 0.005 min
Response: 3047051
Conc: 17.88 ug/ml



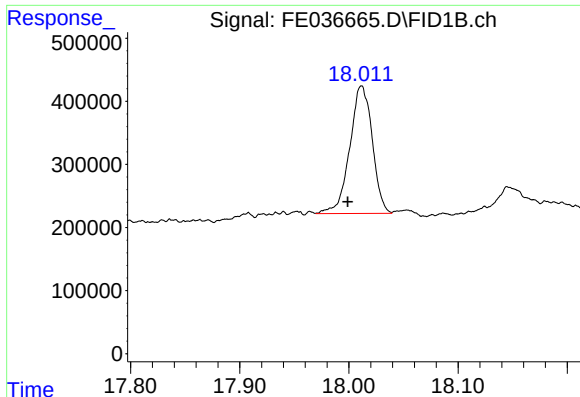
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: 0.008 min
Response: 3084932
Conc: 18.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: 0.011 min
Response: 3201613
Conc: 19.60 ug/ml m



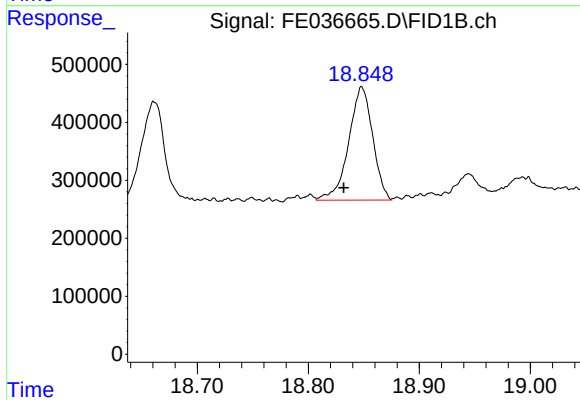
#17 n-Tricontane (C30)

R.T.: 18.011 min
Delta R.T.: 0.012 min
Response: 2898717
Conc: 19.08 ug/ml

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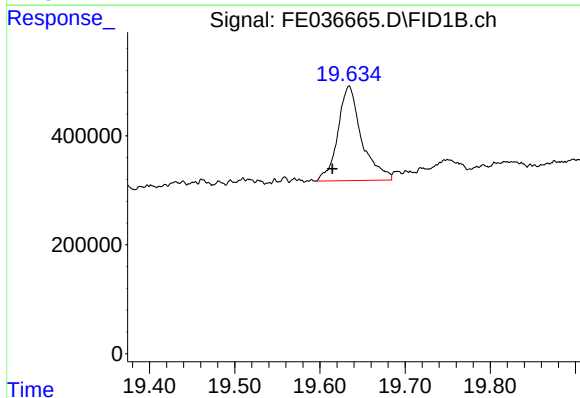
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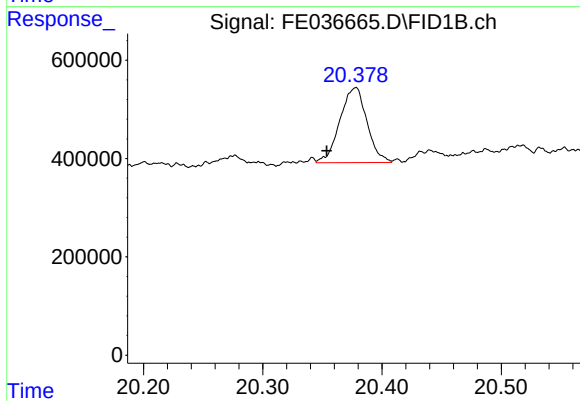
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: 0.016 min
Response: 2938349
Conc: 24.43 ug/ml m



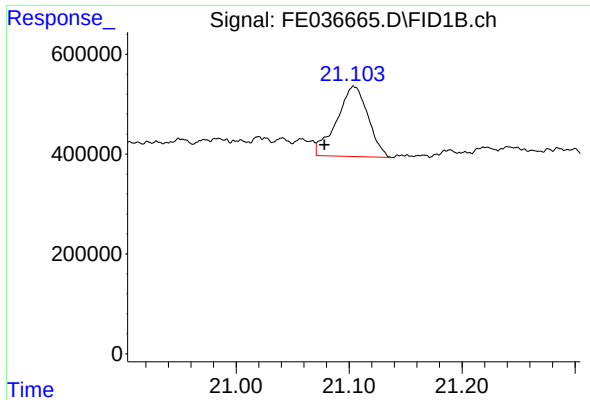
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.020 min
Response: 3362932
Conc: 40.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: 0.024 min
Response: 2402215
Conc: 40.91 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: 0.025 min
Response: 2704604
Conc: 53.94 ug/ml

Instrument :

FID_E

ClientSampleId :

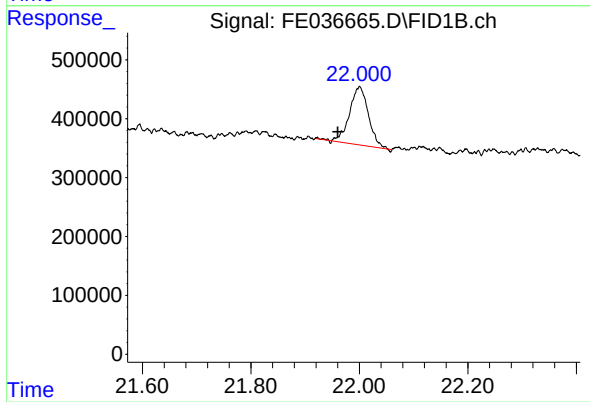
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#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: 0.040 min
Response: 2362155
Conc: 45.74 ug/ml