

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072222AL\
 Data File : FE036666.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2022 23:04
 Operator : YP\AJ
 Sample : N3833-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-072122MSD

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 00:56:14 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	4409932	23.678 ug/ml
Spiked Amount 50.000		Recovery =	47.36%
12) S 1-chlorooctadecane (S...	13.291	3496916	22.984 ug/mlm
Spiked Amount 50.000		Recovery =	45.97%
Target Compounds			
1) T n-Nonane (C9)	3.237	2206976	14.316 ug/ml
2) T n-Decane (C10)	4.493	2524054	16.374 ug/ml
3) T A~Naphthalene (C11.7)	6.195	3238684	18.952 ug/ml
4) T n-Dodecane (C12)	6.662	2939653	18.717 ug/ml
5) T A~2-methylnaphthalene...	7.292	3300374	19.203 ug/ml
6) T n-Tetradecane (C14)	8.490	3257056	19.950 ug/ml
7) T n-Hexadecane (C16)	10.095	3356117	20.362 ug/ml
8) T n-Octadecane (C18)	11.538	3447021	20.283 ug/ml
10) T n-Eicosane (C20)	12.847	3453526	20.303 ug/ml
11) T n-Heneicosane (C21)	13.459	3332740	19.472 ug/ml
13) T n-Docosane (C22)	14.045	3462492	20.280 ug/ml
14) T n-Tetracosane (C24)	15.150	3226677	18.929 ug/ml
15) T n-Hexacosane (C26)	16.174	3198703	19.132 ug/ml
16) T n-Octacosane (C28)	17.124	3262962	19.978 ug/mlm
17) T n-Tricontane (C30)	18.016	2920127	19.216 ug/mlm
18) T n-Dotriacontane (C32)	18.851	3095125	25.735 ug/mlm
19) T n-Tetratriacontane (C34)	19.633	3272210	39.293 ug/mlm
20) T n-Hexatriacontane (C36)	20.376	2460078	41.897 ug/mlm
21) T n-Octatriacontane (C38)	21.108	2638348	52.622 ug/mlm
22) T n-Tetracontane (C40)	22.002	2563049	49.631 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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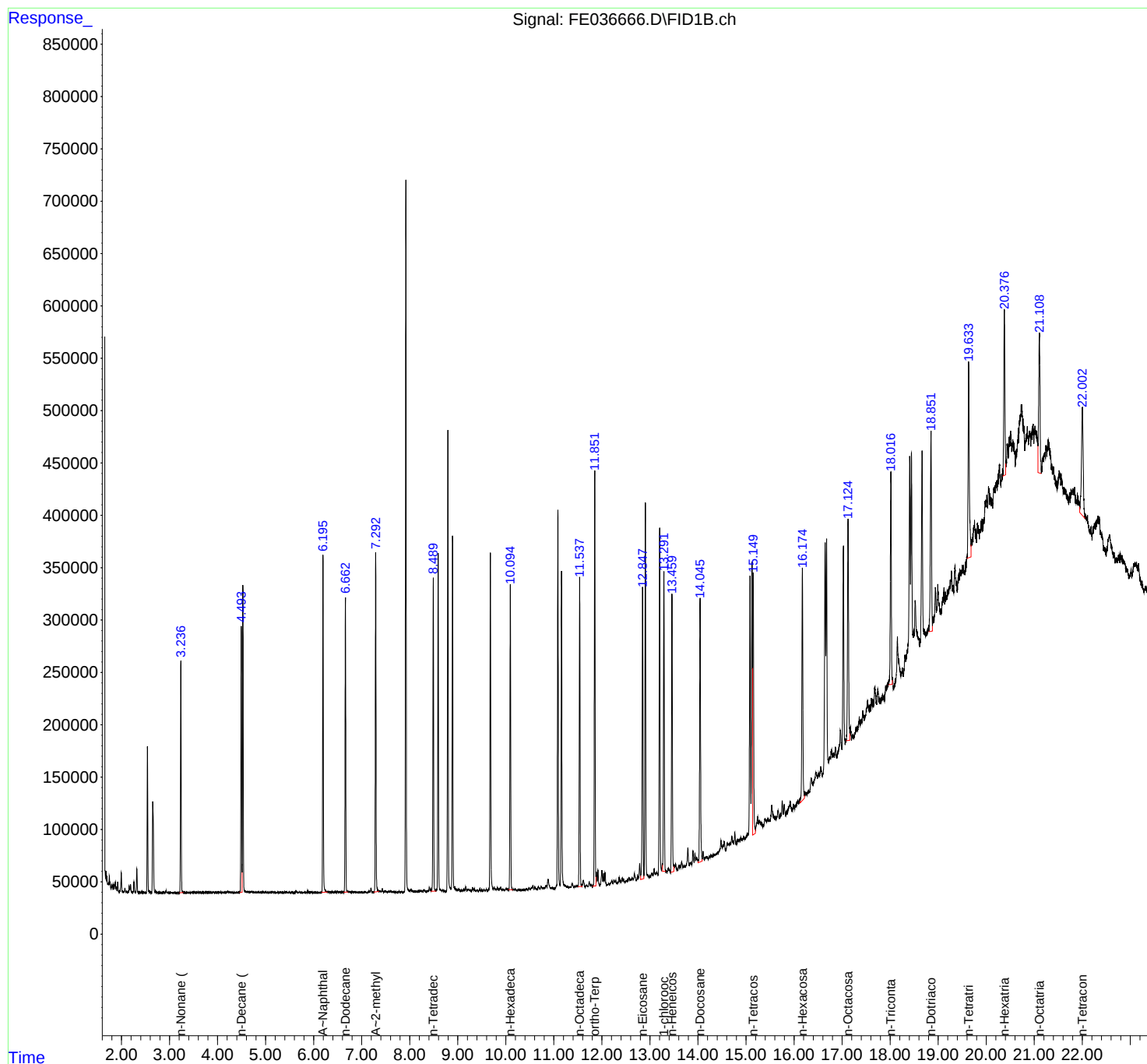
Instrument :
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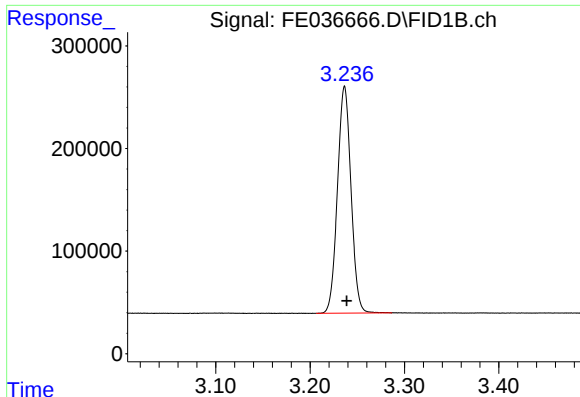
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 2206976
Conc: 14.32 ug/ml

Instrument :

FID_E

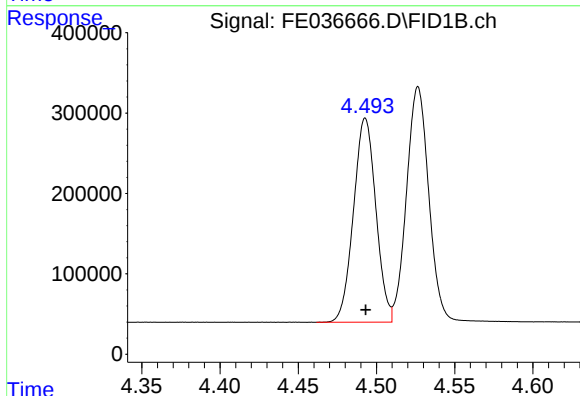
ClientSampleId :

OR-03-072122MSD

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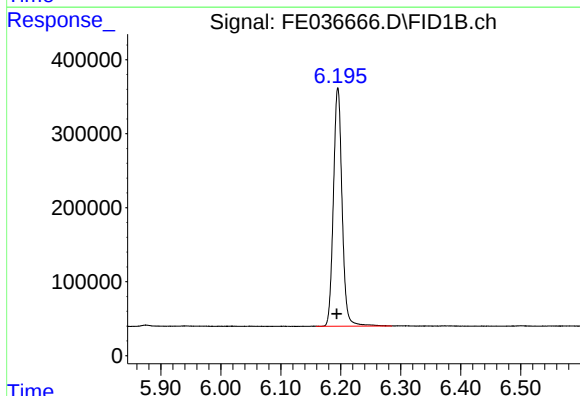
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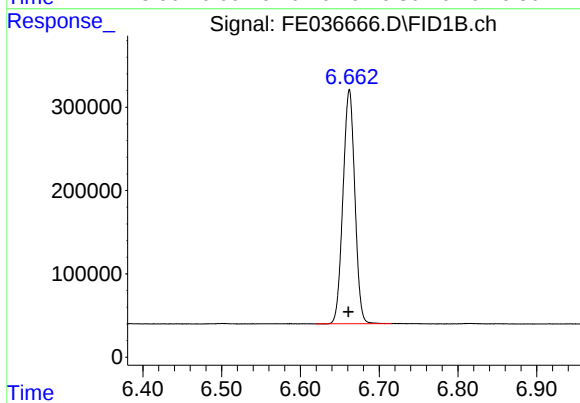
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 2524054
Conc: 16.37 ug/ml



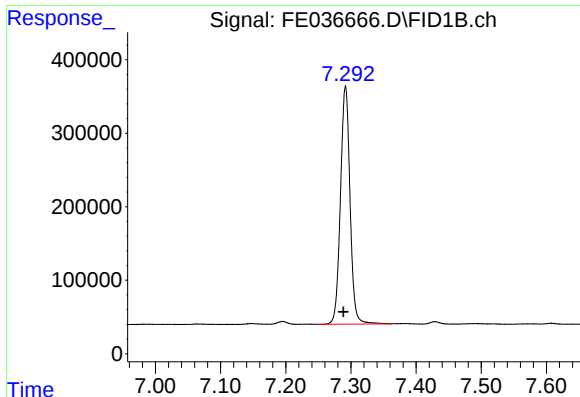
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 3238684
Conc: 18.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: 0.002 min
Response: 2939653
Conc: 18.72 ug/ml



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

R.T.: 7.292 min
Delta R.T.: 0.003 min
Response: 3300374
Conc: 19.20 ug/ml

Instrument :

FID_E

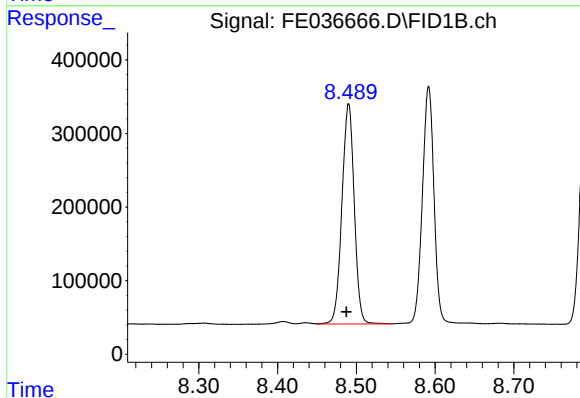
ClientSampleId :

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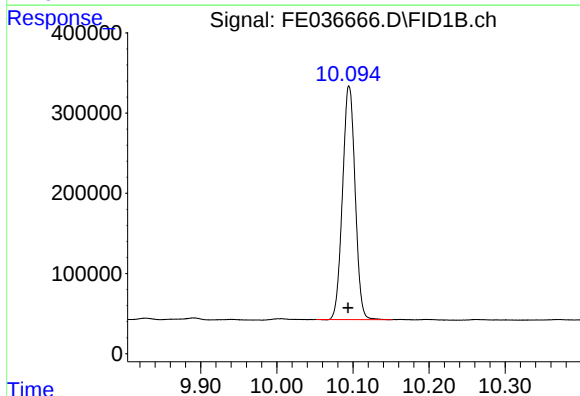
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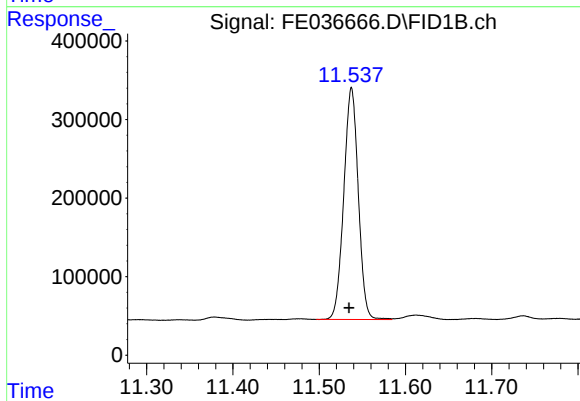
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 3257056
Conc: 19.95 ug/ml



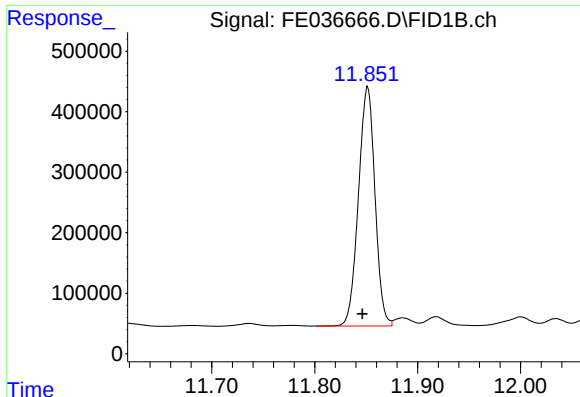
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: 0.001 min
Response: 3356117
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.538 min
Delta R.T.: 0.003 min
Response: 3447021
Conc: 20.28 ug/ml



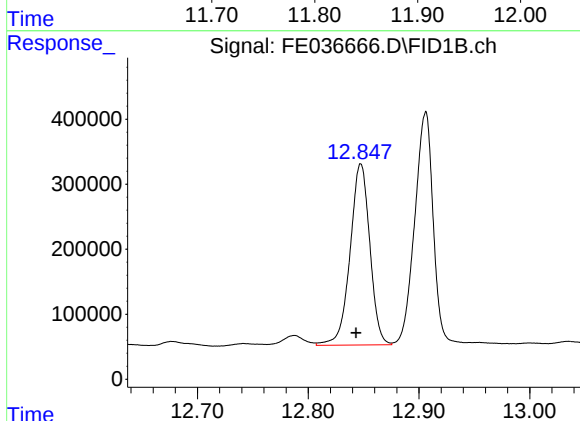
#9 ortho-Terphenyl (SURR)

R.T.: 11.851 min
Delta R.T.: 0.005 min
Response: 4409932
Conc: 23.68 ug/ml

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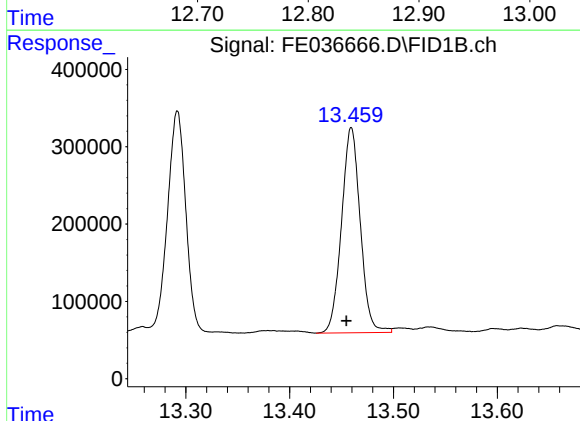
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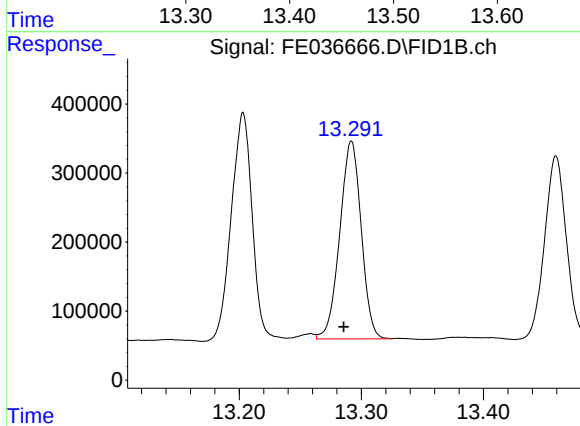
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: 0.004 min
Response: 3453526
Conc: 20.30 ug/ml



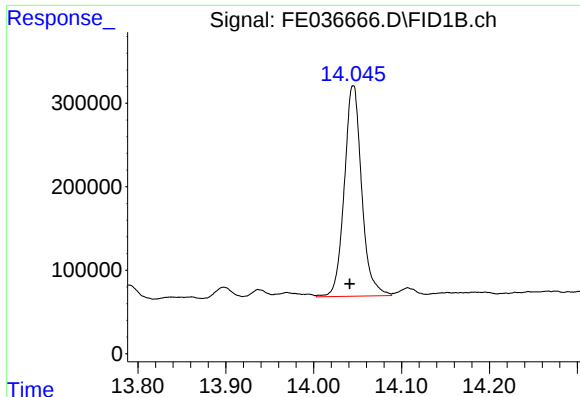
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: 0.005 min
Response: 3332740
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.291 min
Delta R.T.: 0.006 min
Response: 3496916
Conc: 22.98 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.045 min
Delta R.T.: 0.004 min
Response: 3462492
Conc: 20.28 ug/ml

Instrument :

FID_E

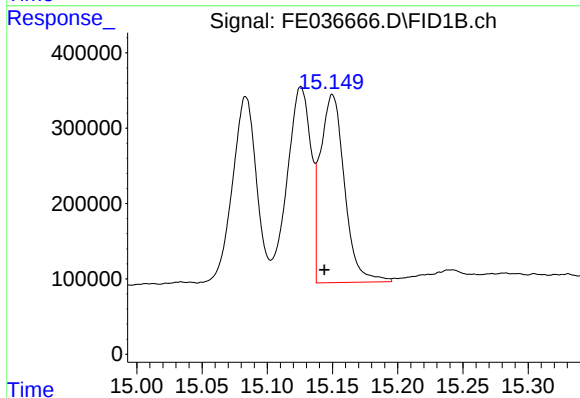
ClientSampleId :

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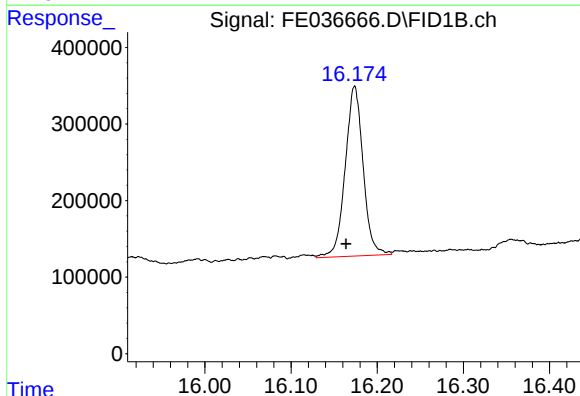
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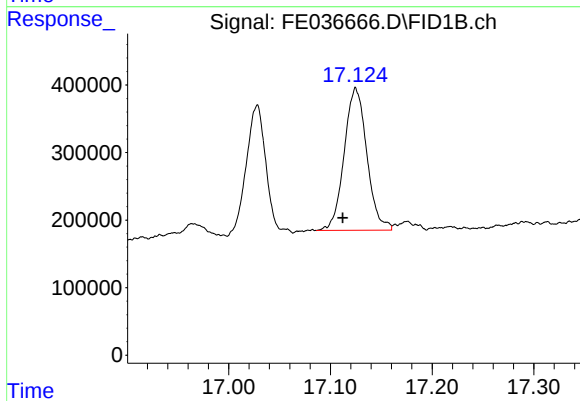
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: 0.006 min
Response: 3226677
Conc: 18.93 ug/ml



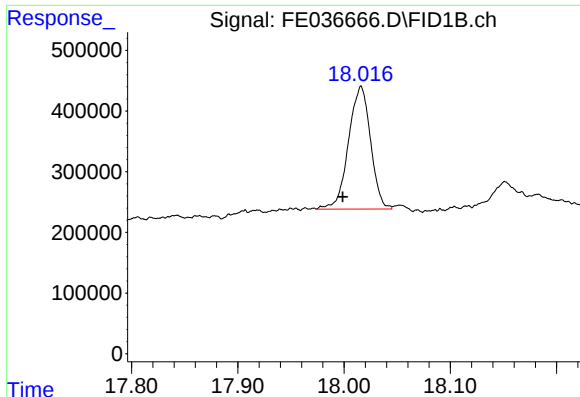
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: 0.010 min
Response: 3198703
Conc: 19.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: 0.012 min
Response: 3262962
Conc: 19.98 ug/ml m



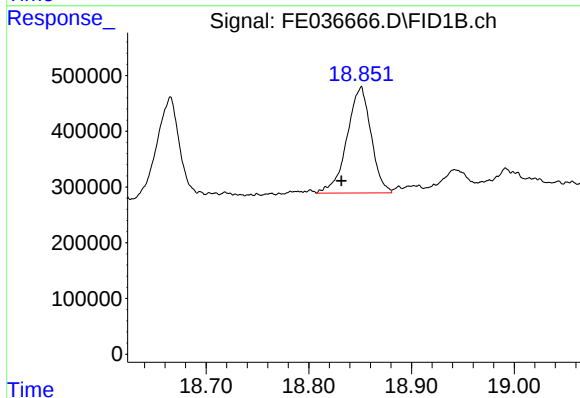
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: 0.017 min
Response: 2920127
Conc: 19.22 ug/ml

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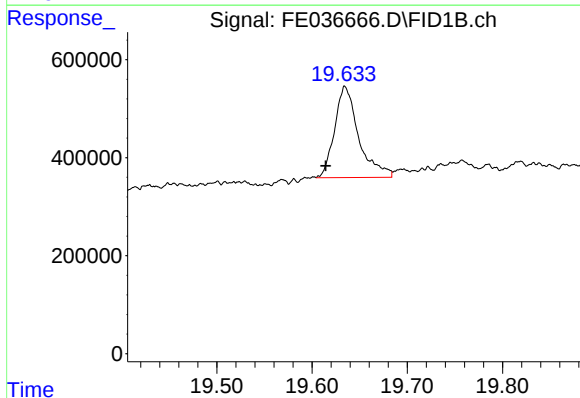
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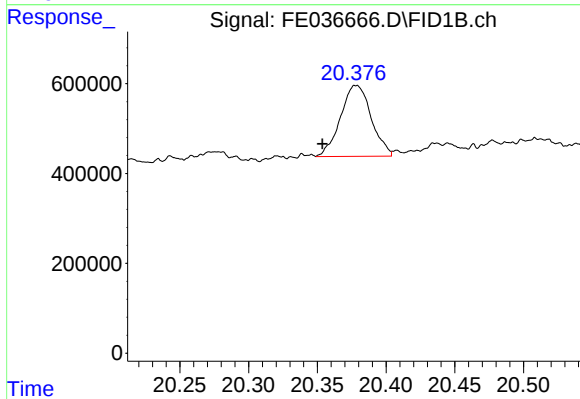
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: 0.019 min
Response: 3095125
Conc: 25.73 ug/ml m



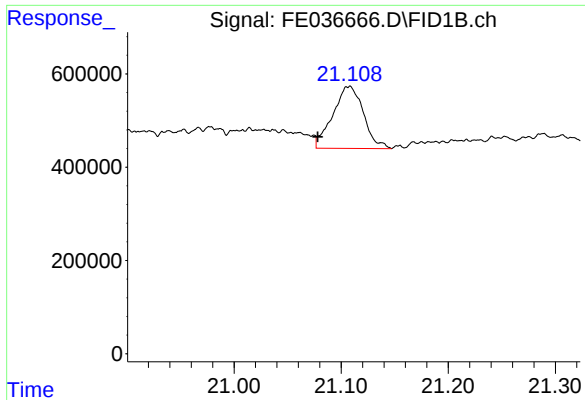
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: 0.019 min
Response: 3272210
Conc: 39.29 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: 0.023 min
Response: 2460078
Conc: 41.90 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: 0.030 min
Response: 2638348
Conc: 52.62 ug/ml

Instrument :

FID_E

ClientSampleId :

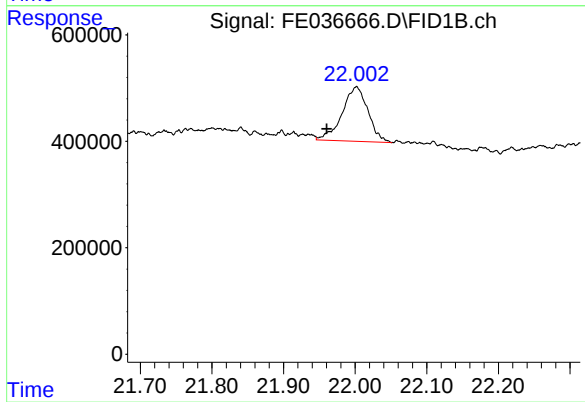
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#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: 0.042 min
Response: 2563049
Conc: 49.63 ug/ml m