

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120623AL\
 Data File : FE045690.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2023 19:44
 Operator : YP\AJ
 Sample : 05630-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-01-120523MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :Ankita Jodhani 12/07/2023

Integration File: autoint1.e
 Quant Time: Dec 07 00:13:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.861	6784806	32.445 ug/ml
Spiked Amount 50.000		Recovery =	64.89%
12) S 1-chlorooctadecane (S...	13.304	5078995	32.279 ug/ml
Spiked Amount 50.000		Recovery =	64.56%
Target Compounds			
1) T n-Nonane (C9)	3.248	4325140	27.275 ug/ml
2) T n-Decane (C10)	4.499	4973620	31.059 ug/ml
3) T A~Naphthalene (C11.7)	6.198	5976564	34.310 ug/ml
4) T n-Dodecane (C12)	6.664	5527216	34.218 ug/ml
5) T A~2-methylnaphthalene...	7.294	6056532	35.665 ug/ml
6) T n-Tetradecane (C14)	8.493	5952958	37.108 ug/ml
7) T n-Hexadecane (C16)	10.102	6356528	38.386 ug/ml
8) T n-Octadecane (C18)	11.547	6484674	37.823 ug/ml
10) T n-Eicosane (C20)	12.860	6528147	37.730 ug/ml
11) T n-Heneicosane (C21)	13.472	6179703	35.922 ug/ml
13) T n-Docosane (C22)	14.059	6138551	35.602 ug/ml
14) T n-Tetracosane (C24)	15.148	12042722	68.981 ug/mlm
15) T n-Hexacosane (C26)	16.189	5782538	33.204 ug/ml
16) T n-Octacosane (C28)	17.140	5730133	33.154 ug/ml
17) T n-Tricontane (C30)	18.031	5757493	32.910 ug/ml
18) T n-Dotriacontane (C32)	18.866	5630153	30.861 ug/ml
19) T n-Tetratriacontane (C34)	19.652	5512617	33.222 ug/ml
20) T n-Hexatriacontane (C36)	20.395	5317886	33.501 ug/ml
21) T n-Octatriacontane (C38)	21.130	5625769	35.874 ug/ml
22) T n-Tetracontane (C40)	22.036	5702225	40.124 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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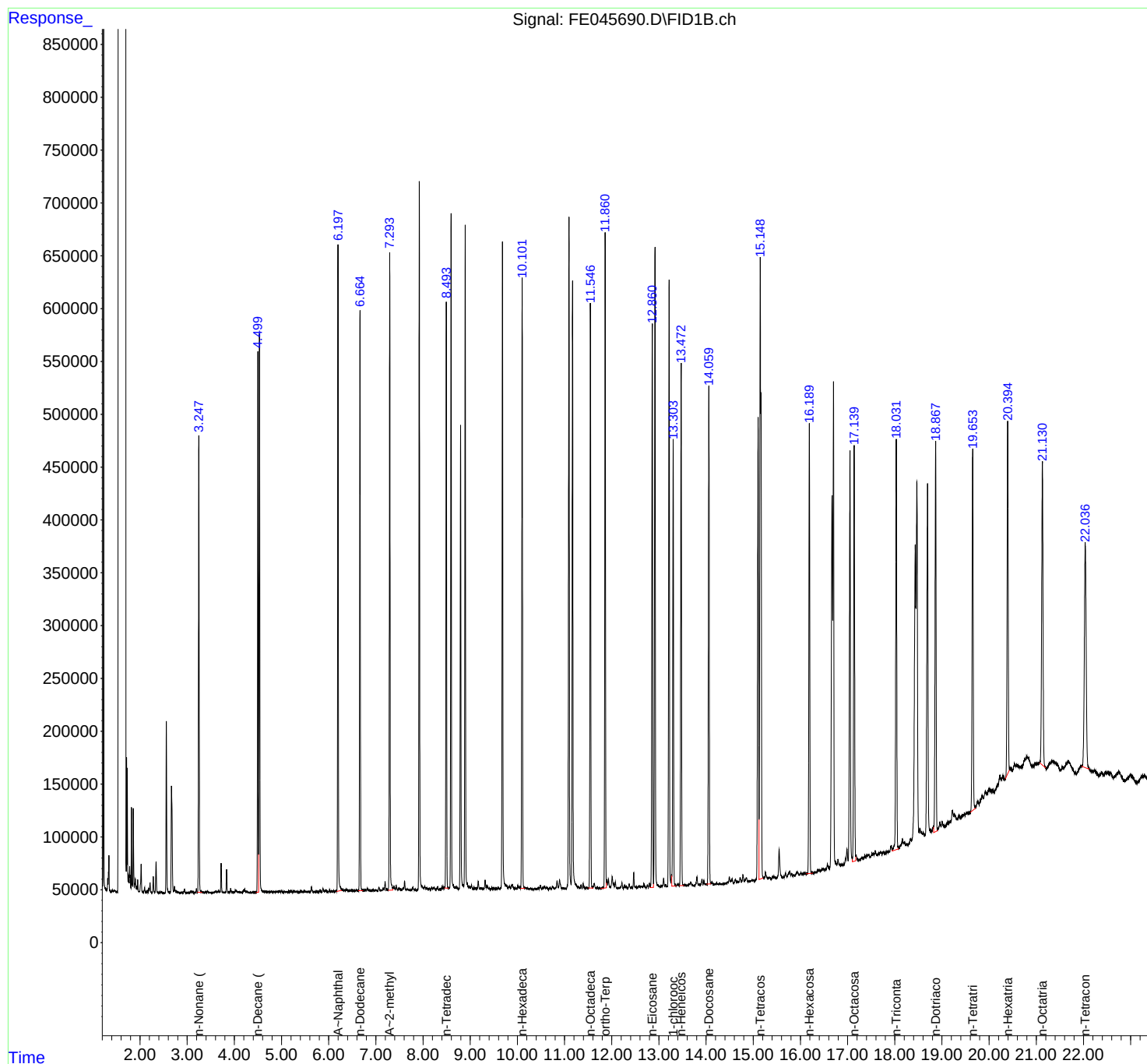
Instrument :
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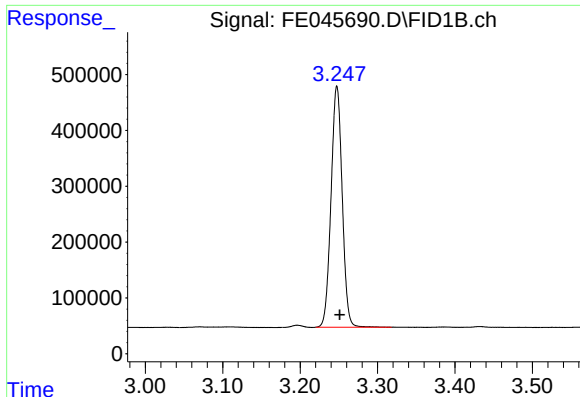
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#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.003 min
Response: 4325140
Conc: 27.27 ug/ml

Instrument :

FID_E

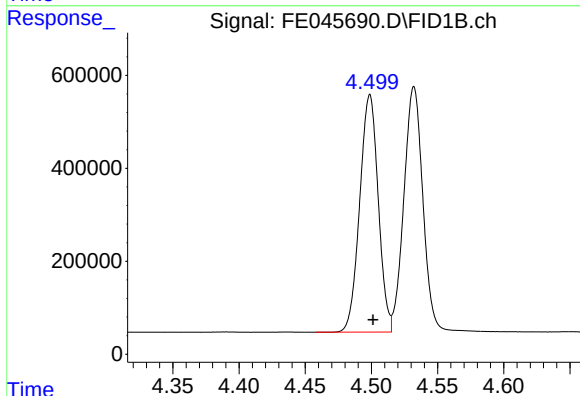
ClientSampleId :

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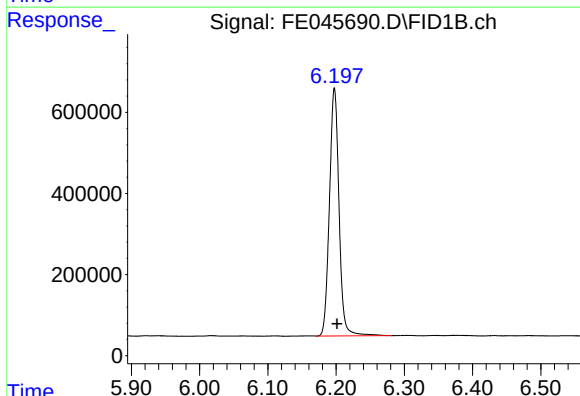
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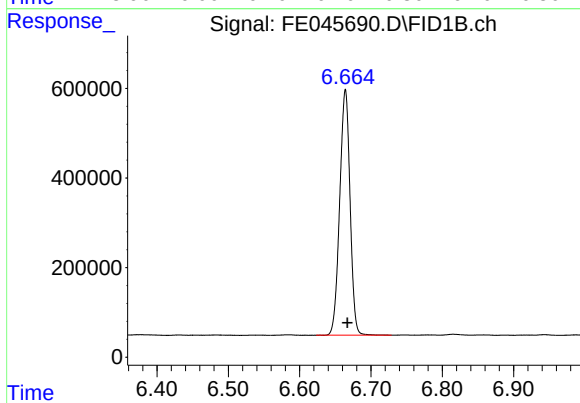
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 4973620
Conc: 31.06 ug/ml



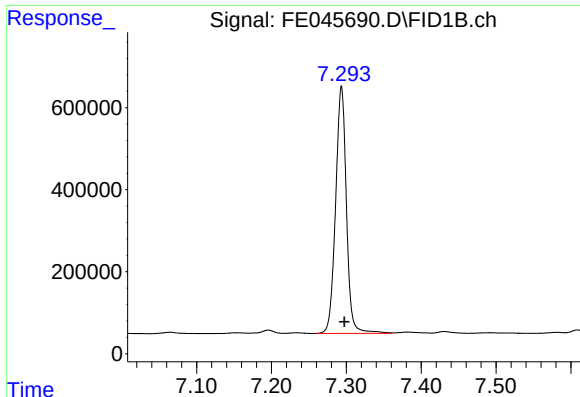
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 5976564
Conc: 34.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.003 min
Response: 5527216
Conc: 34.22 ug/ml



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

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 6056532
Conc: 35.66 ug/ml

Instrument :

FID_E

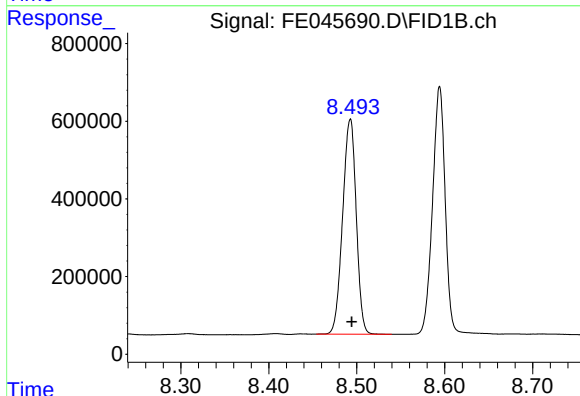
ClientSampleId :

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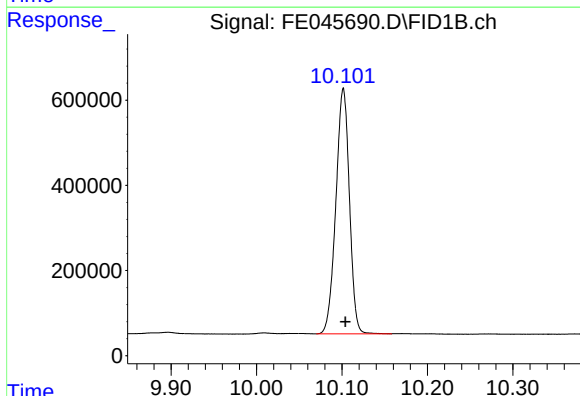
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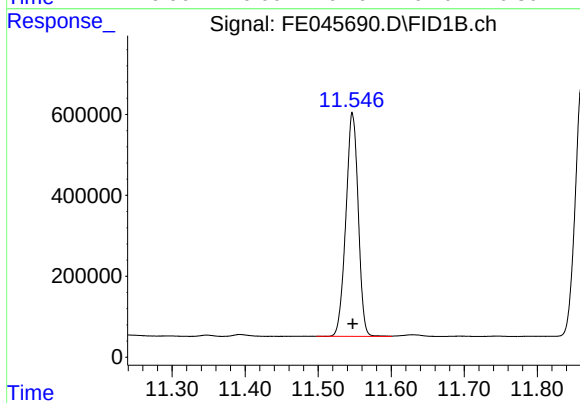
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.002 min
Response: 5952958
Conc: 37.11 ug/ml



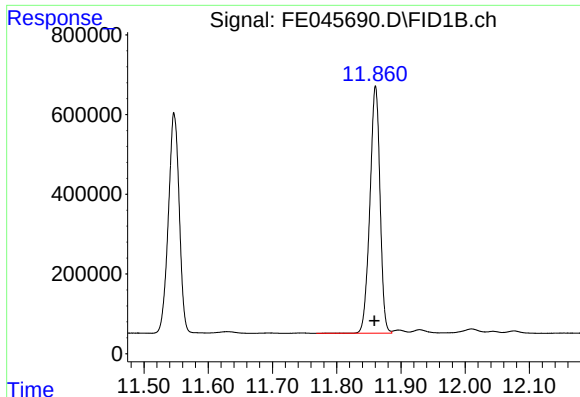
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.002 min
Response: 6356528
Conc: 38.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 6484674
Conc: 37.82 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: 0.002 min
Response: 6784806
Conc: 32.45 ug/ml

Instrument :

FID_E

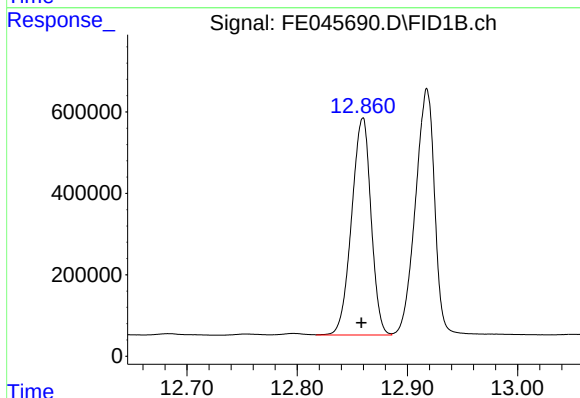
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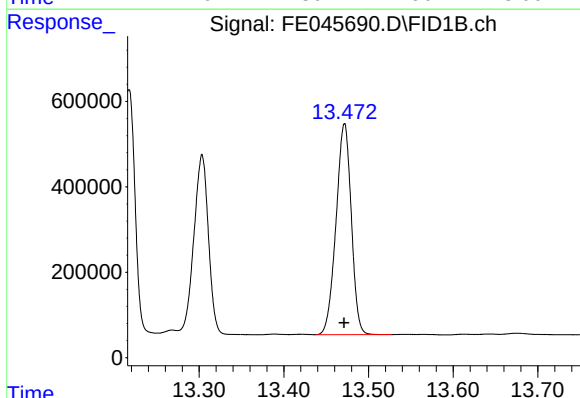
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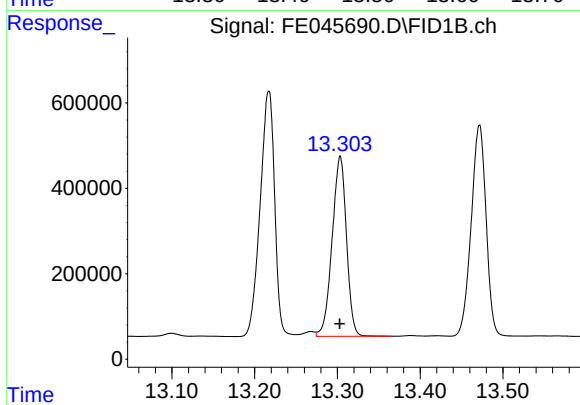
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: 0.001 min
Response: 6528147
Conc: 37.73 ug/ml



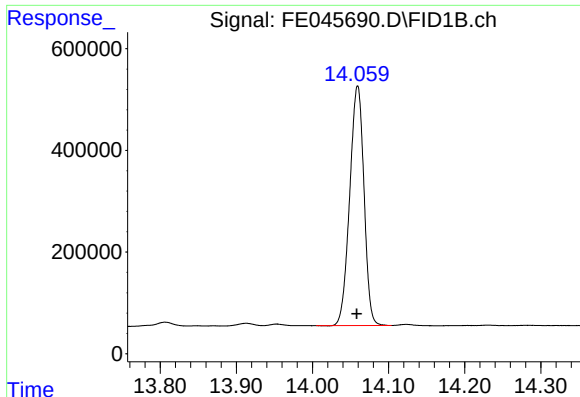
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: 0.000 min
Response: 6179703
Conc: 35.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min
Delta R.T.: 0.000 min
Response: 5078995
Conc: 32.28 ug/ml



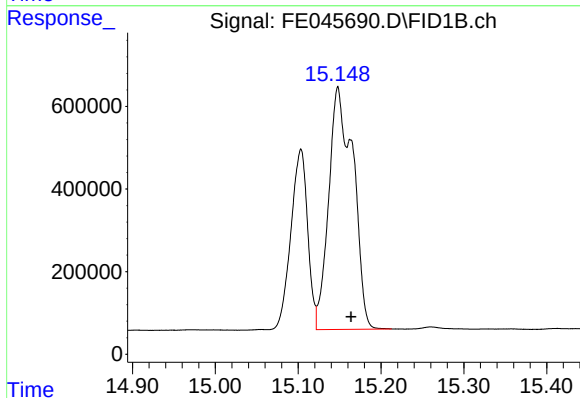
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.001 min
Response: 6138551
Conc: 35.60 ug/ml

Instrument :
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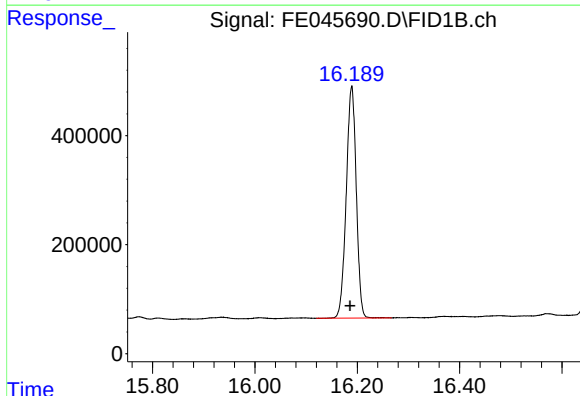
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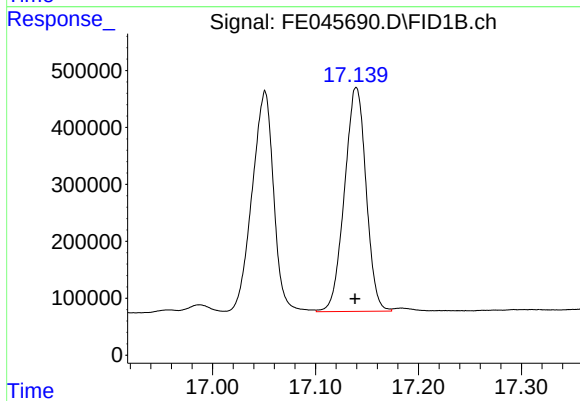
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.016 min
Response: 12042722
Conc: 68.98 ug/ml m



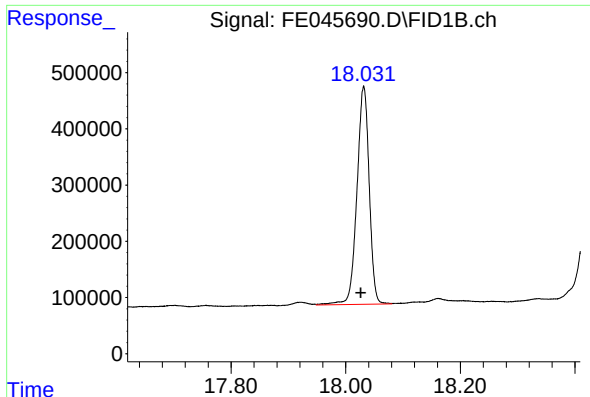
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.003 min
Response: 5782538
Conc: 33.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: 0.001 min
Response: 5730133
Conc: 33.15 ug/ml



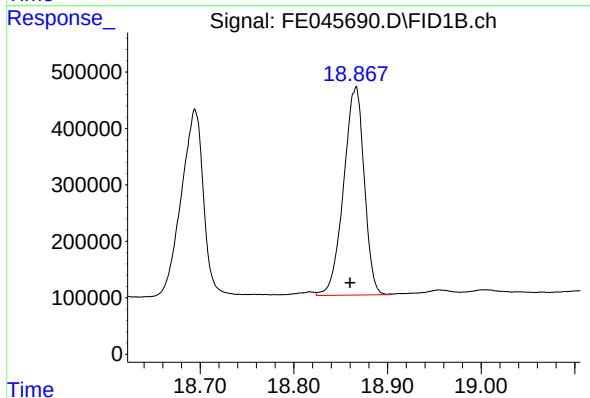
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: 0.005 min
Response: 5757493
Conc: 32.91 ug/ml

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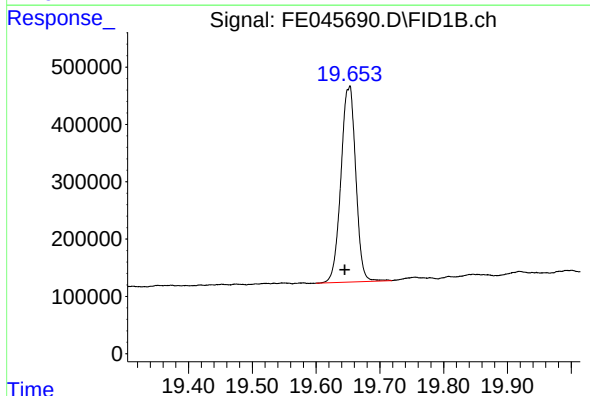
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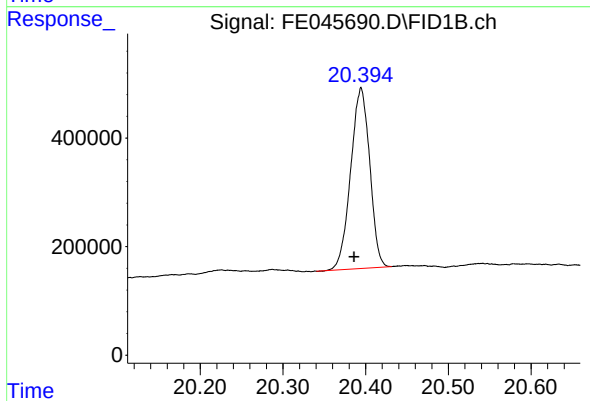
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.006 min
Response: 5630153
Conc: 30.86 ug/ml



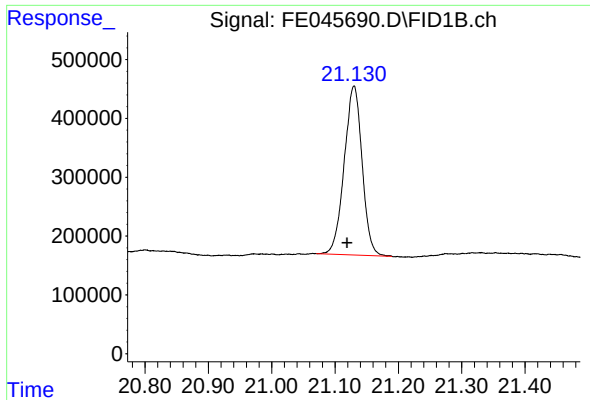
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: 0.008 min
Response: 5512617
Conc: 33.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: 0.008 min
Response: 5317886
Conc: 33.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: 0.011 min
Response: 5625769
Conc: 35.87 ug/ml

Instrument :

FID_E

ClientSampleId :

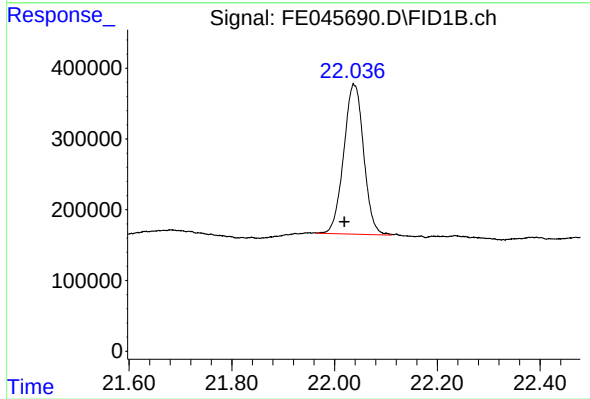
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#22 n-Tetracontane (C40)

R.T.: 22.036 min
Delta R.T.: 0.017 min
Response: 5702225
Conc: 40.12 ug/ml m