

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060623AL\
 Data File : FE042434.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2023 20:34
 Operator : YP\AJ
 Sample : 03028-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-060223MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2023
 Supervised By :Ankita Jodhani 06/07/2023

Integration File: autoint1.e
 Quant Time: Jun 07 05:10:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.957	6830488	38.682 ug/ml
Spiked Amount 50.000		Recovery =	77.36%
12) S 1-chlorooctadecane (S...	13.392	5382203	40.505 ug/ml
Spiked Amount 50.000		Recovery =	81.01%
Target Compounds			
1) T n-Nonane (C9)	3.331	4333268	30.051 ug/ml
2) T n-Decane (C10)	4.585	4982701	33.659 ug/ml
3) T A~Naphthalene (C11.7)	6.293	5751902	35.253 ug/ml
4) T n-Dodecane (C12)	6.753	5631228	37.553 ug/ml
5) T A~2-methylnaphthalene...	7.391	5908031	37.227 ug/ml
6) T n-Tetradecane (C14)	8.585	6288773	41.979 ug/ml
7) T n-Hexadecane (C16)	10.192	7028887	45.123 ug/ml
8) T n-Octadecane (C18)	11.636	7076914	44.753 ug/ml
10) T n-Eicosane (C20)	12.947	7096461	46.816 ug/ml
11) T n-Heneicosane (C21)	13.559	6754214	45.589 ug/ml
13) T n-Docosane (C22)	14.145	6670415	45.502 ug/ml
14) T n-Tetracosane (C24)	15.243	12286886	85.115 ug/ml
15) T n-Hexacosane (C26)	16.272	6225916	44.953 ug/ml
16) T n-Octacosane (C28)	17.222	6230125	46.534 ug/ml
17) T n-Tricontane (C30)	18.112	6260219	46.375 ug/ml
18) T n-Dotriacontane (C32)	18.945	6327894	47.368 ug/ml
19) T n-Tetratriacontane (C34)	19.731	6629290	50.409 ug/ml
20) T n-Hexatriacontane (C36)	20.470	6091795	46.870 ug/mlm
21) T n-Octatriacontane (C38)	21.224	6598327	48.634 ug/ml
22) T n-Tetracontane (C40)	22.163	6561439	47.164 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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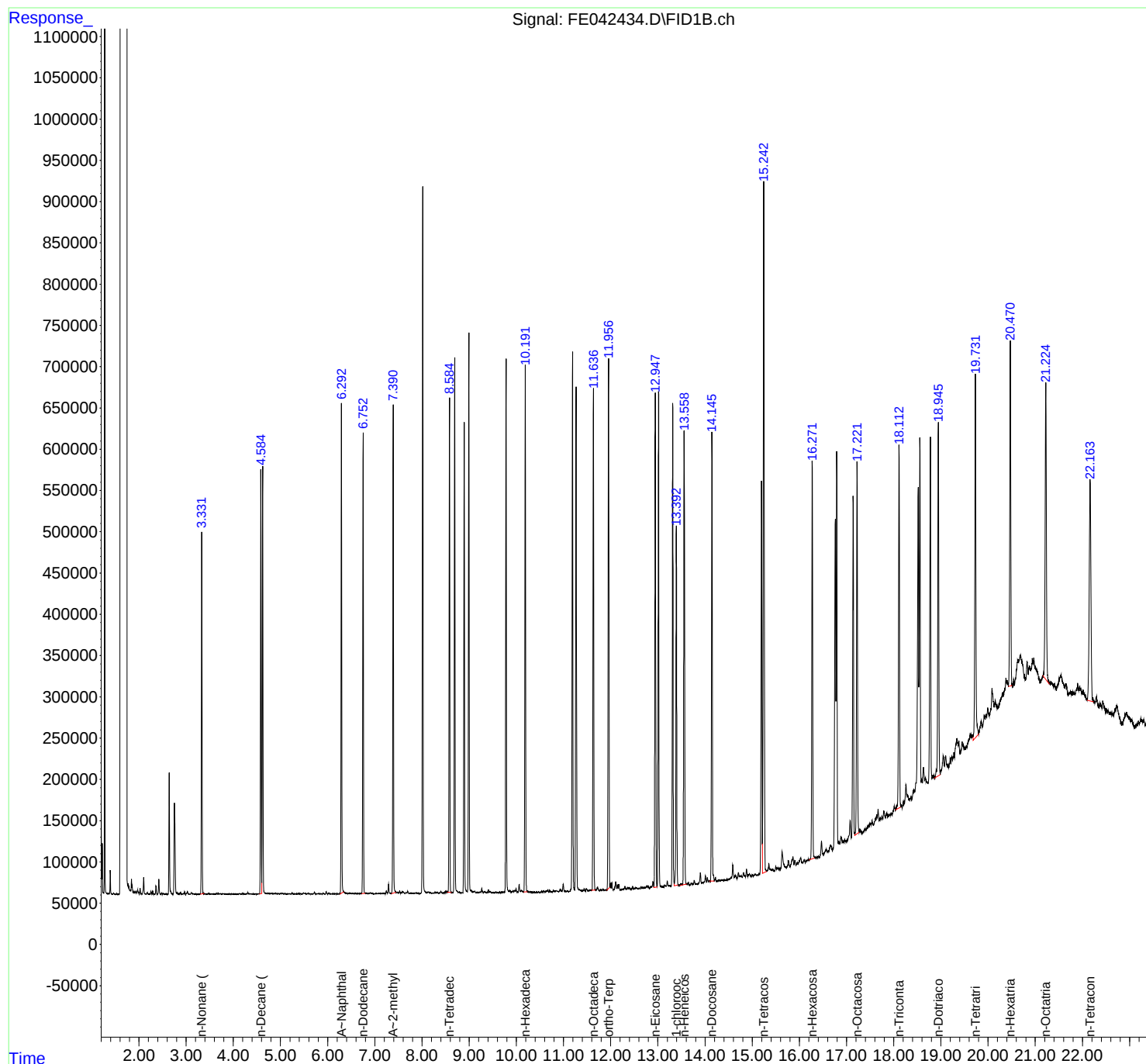
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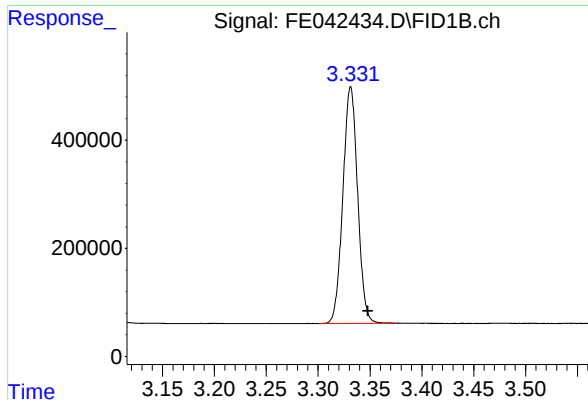
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#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.017 min
Response: 4333268
Conc: 30.05 ug/ml

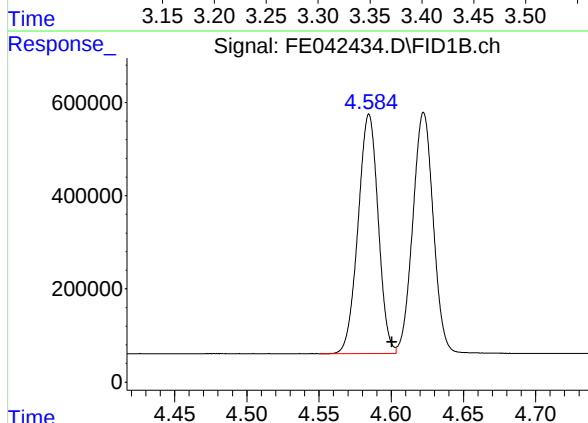
Instrument :

FID_E

ClientSampleId :
OR-02-060223MSD

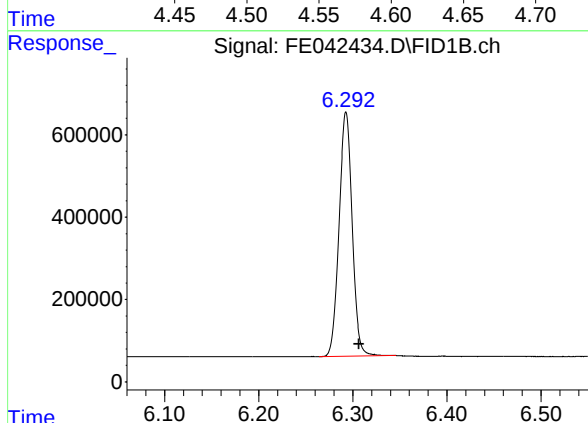
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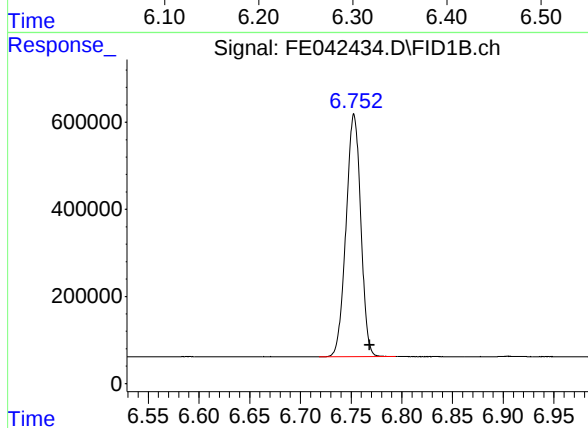
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.016 min
Response: 4982701
Conc: 33.66 ug/ml



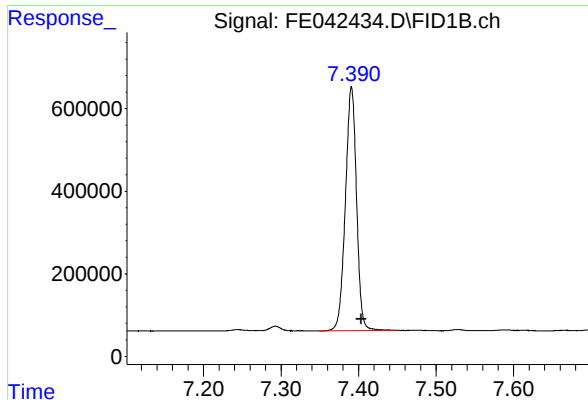
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.014 min
Response: 5751902
Conc: 35.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.753 min
Delta R.T.: -0.015 min
Response: 5631228
Conc: 37.55 ug/ml



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

R.T.: 7.391 min
Delta R.T.: -0.013 min
Response: 5908031
Conc: 37.23 ug/ml

Instrument :

FID_E

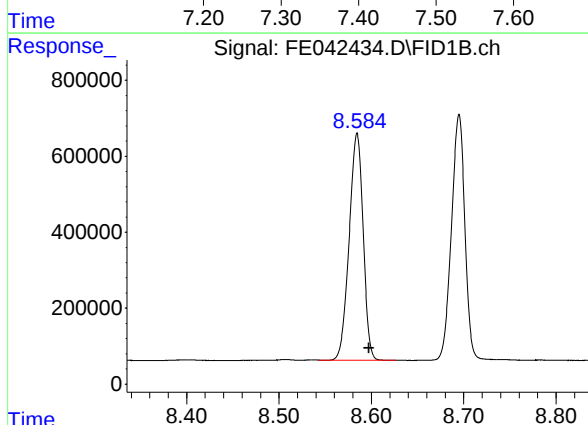
ClientSampleId :

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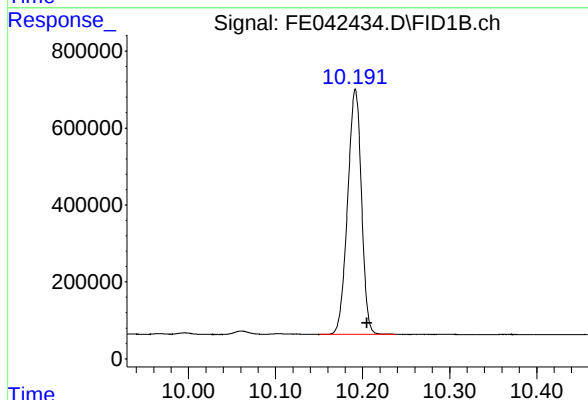
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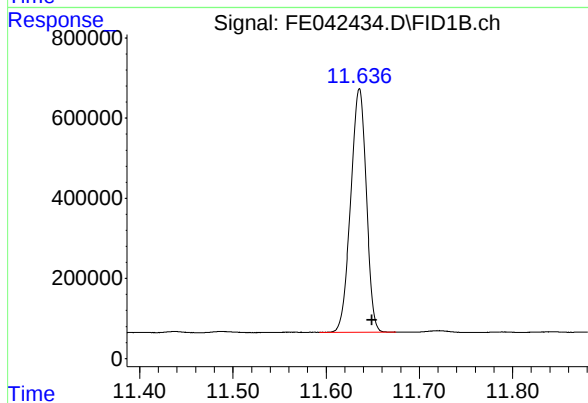
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.013 min
Response: 6288773
Conc: 41.98 ug/ml



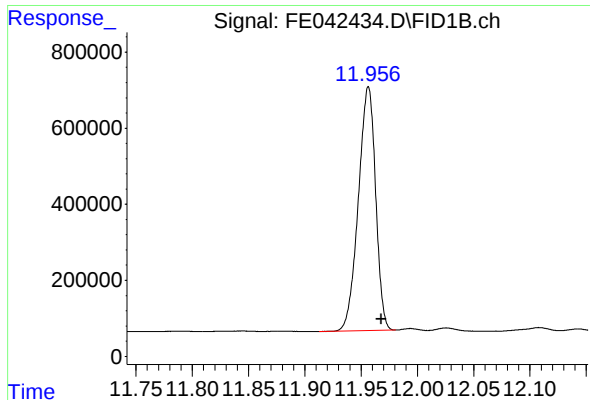
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.014 min
Response: 7028887
Conc: 45.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: -0.013 min
Response: 7076914
Conc: 44.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: -0.012 min
Response: 6830488
Conc: 38.68 ug/ml

Instrument :

FID_E

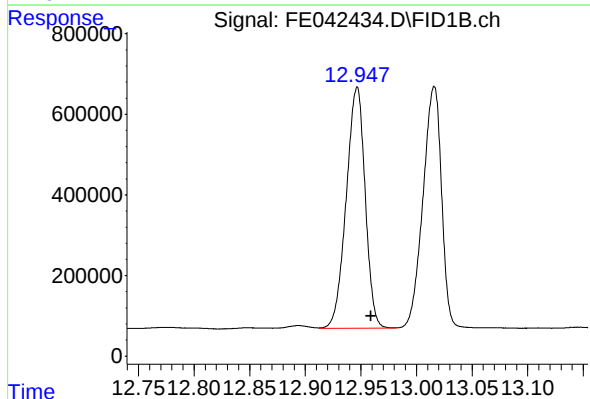
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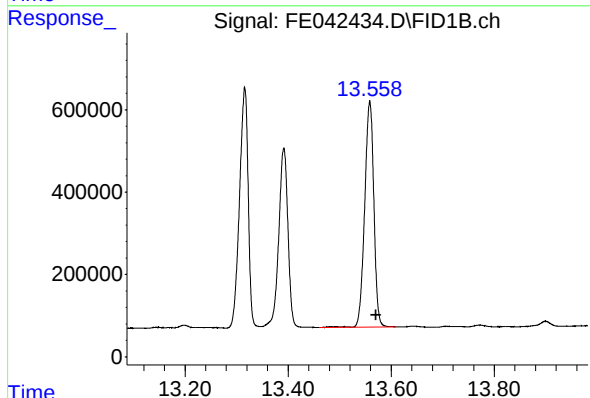
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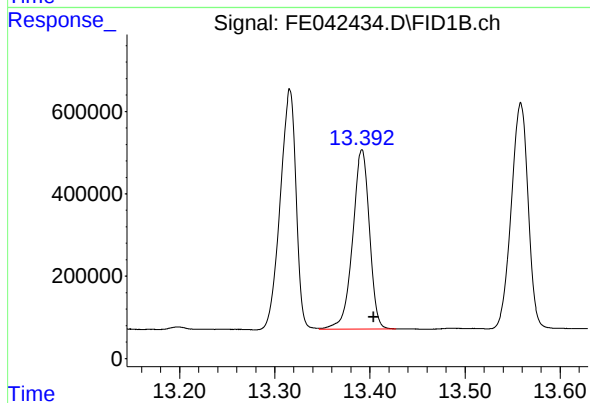
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.012 min
Response: 7096461
Conc: 46.82 ug/ml



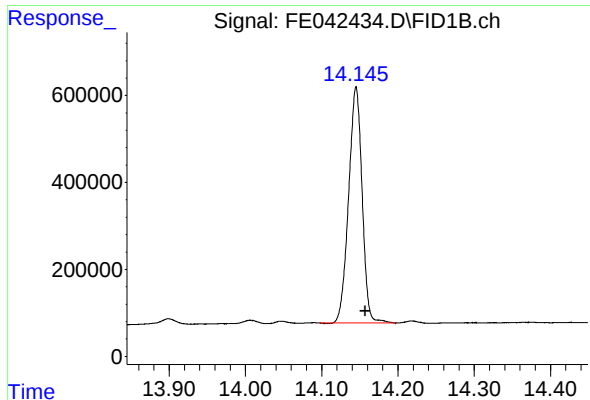
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: -0.012 min
Response: 6754214
Conc: 45.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.012 min
Response: 5382203
Conc: 40.50 ug/ml



#13 n-Docosane (C22)

R.T.: 14.145 min
Delta R.T.: -0.012 min
Response: 6670415
Conc: 45.50 ug/ml

Instrument :

FID_E

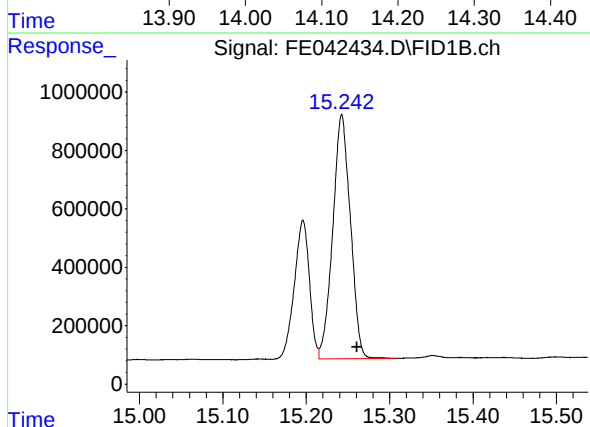
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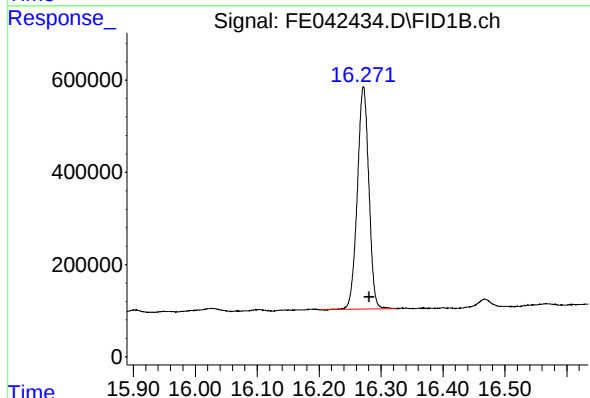
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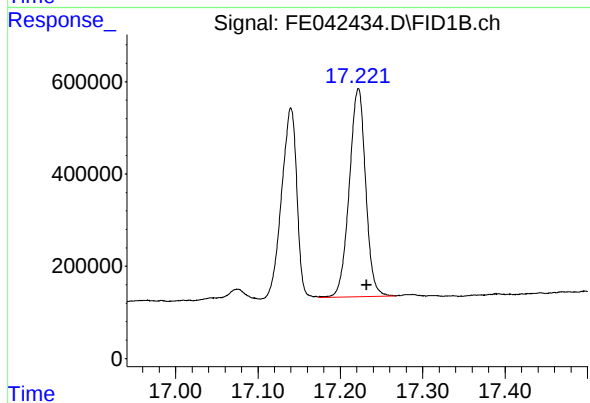
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.018 min
Response: 12286886
Conc: 85.12 ug/ml



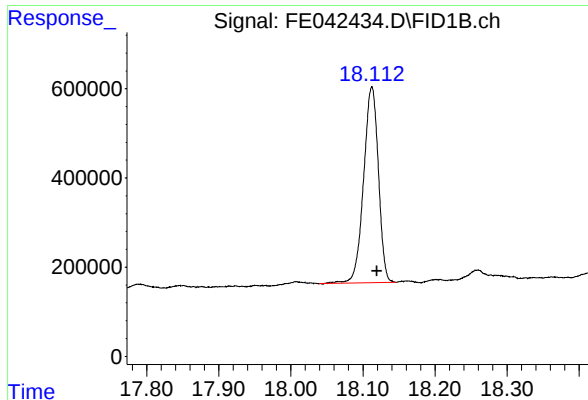
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.009 min
Response: 6225916
Conc: 44.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.222 min
Delta R.T.: -0.010 min
Response: 6230125
Conc: 46.53 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.007 min
Response: 6260219
Conc: 46.37 ug/ml

Instrument :

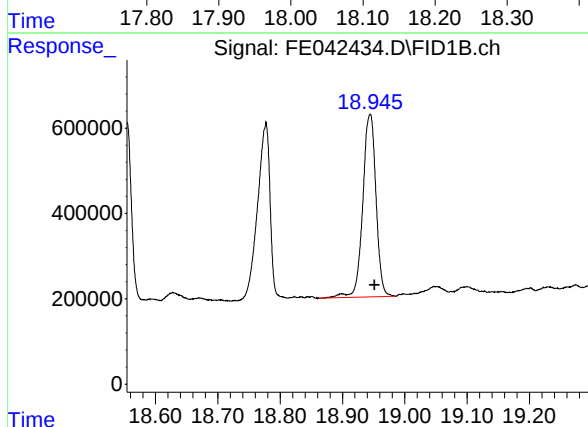
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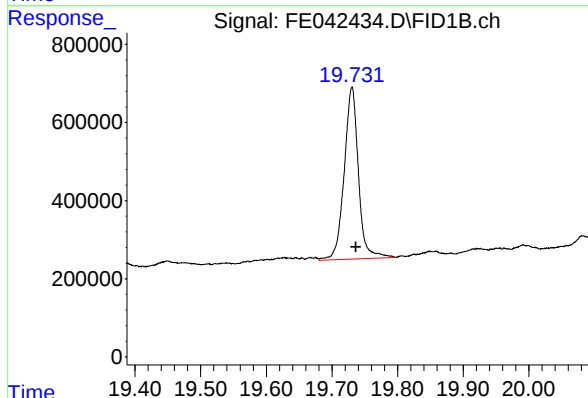
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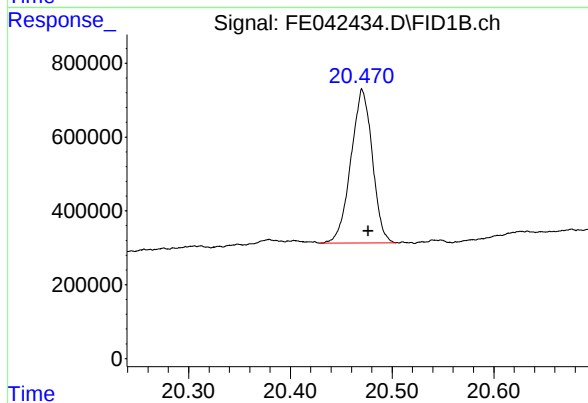
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: -0.007 min
Response: 6327894
Conc: 47.37 ug/ml



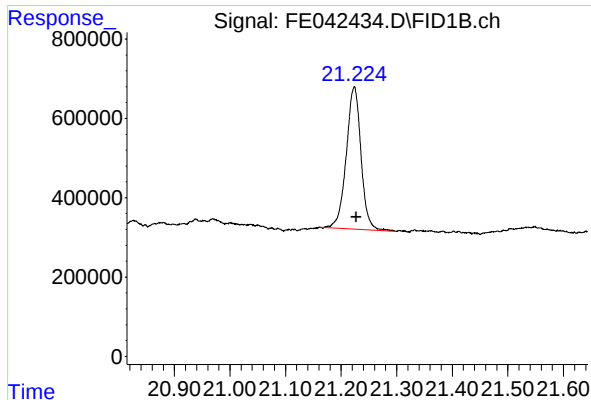
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.006 min
Response: 6629290
Conc: 50.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.007 min
Response: 6091795
Conc: 46.87 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.003 min
Response: 6598327
Conc: 48.63 ug/ml

Instrument :

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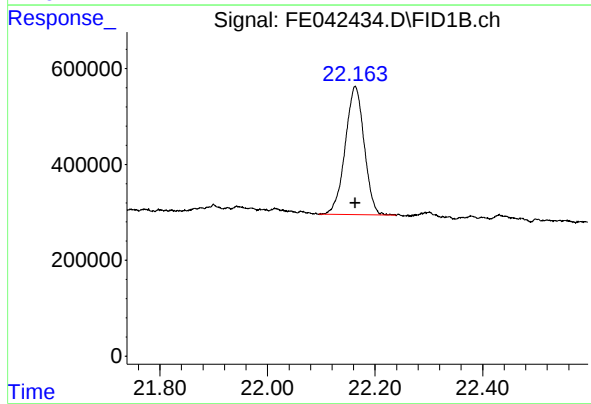
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#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: 0.000 min
Response: 6561439
Conc: 47.16 ug/ml