

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110922AL\
 Data File : FE038682.D
 Signal(s) : FID1B.ch
 Acq On : 09 Nov 2022 21:59
 Operator : YP\AJ
 Sample : N5524-02MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11995-EPH-2MSD

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 04:56:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.963	4472629	25.993 ug/ml
Spiked Amount 50.000		Recovery =	51.99%
12) S 1-chlorooctadecane (S...	13.396	3540098	25.859 ug/ml
Spiked Amount 50.000		Recovery =	51.72%
Target Compounds			
1) T n-Nonane (C9)	3.361	4086548	26.534 ug/ml
2) T n-Decane (C10)	4.610	4538879	29.241 ug/mlm
3) T A~Naphthalene (C11.7)	6.311	5116434	30.212 ug/ml
4) T n-Dodecane (C12)	6.771	4915226	31.464 ug/ml
5) T A~2-methylnaphthalene...	7.405	5061944	30.205 ug/ml
6) T n-Tetradecane (C14)	8.597	4936573	31.566 ug/ml
7) T n-Hexadecane (C16)	10.203	5203581	32.936 ug/ml
8) T n-Octadecane (C18)	11.644	5309057	33.144 ug/ml
10) T n-Eicosane (C20)	12.953	5089597	31.587 ug/ml
11) T n-Heneicosane (C21)	13.564	5006455	30.993 ug/ml
13) T n-Docosane (C22)	14.150	5000035	30.971 ug/ml
14) T n-Tetracosane (C24)	15.242	10030088	62.532 ug/ml
15) T n-Hexacosane (C26)	16.273	4873253	30.681 ug/ml
16) T n-Octacosane (C28)	17.220	4890991	31.175 ug/mlm
17) T n-Tricontane (C30)	18.108	4832282	30.285 ug/mlm
18) T n-Dotriacontane (C32)	18.940	4966369	31.499 ug/ml
19) T n-Tetratriacontane (C34)	19.721	5018955	34.044 ug/mlm
20) T n-Hexatriacontane (C36)	20.462	4938973	34.566 ug/ml
21) T n-Octatriacontane (C38)	21.203	5161232	38.213 ug/ml
22) T n-Tetracontane (C40)	22.129	5327866	42.208 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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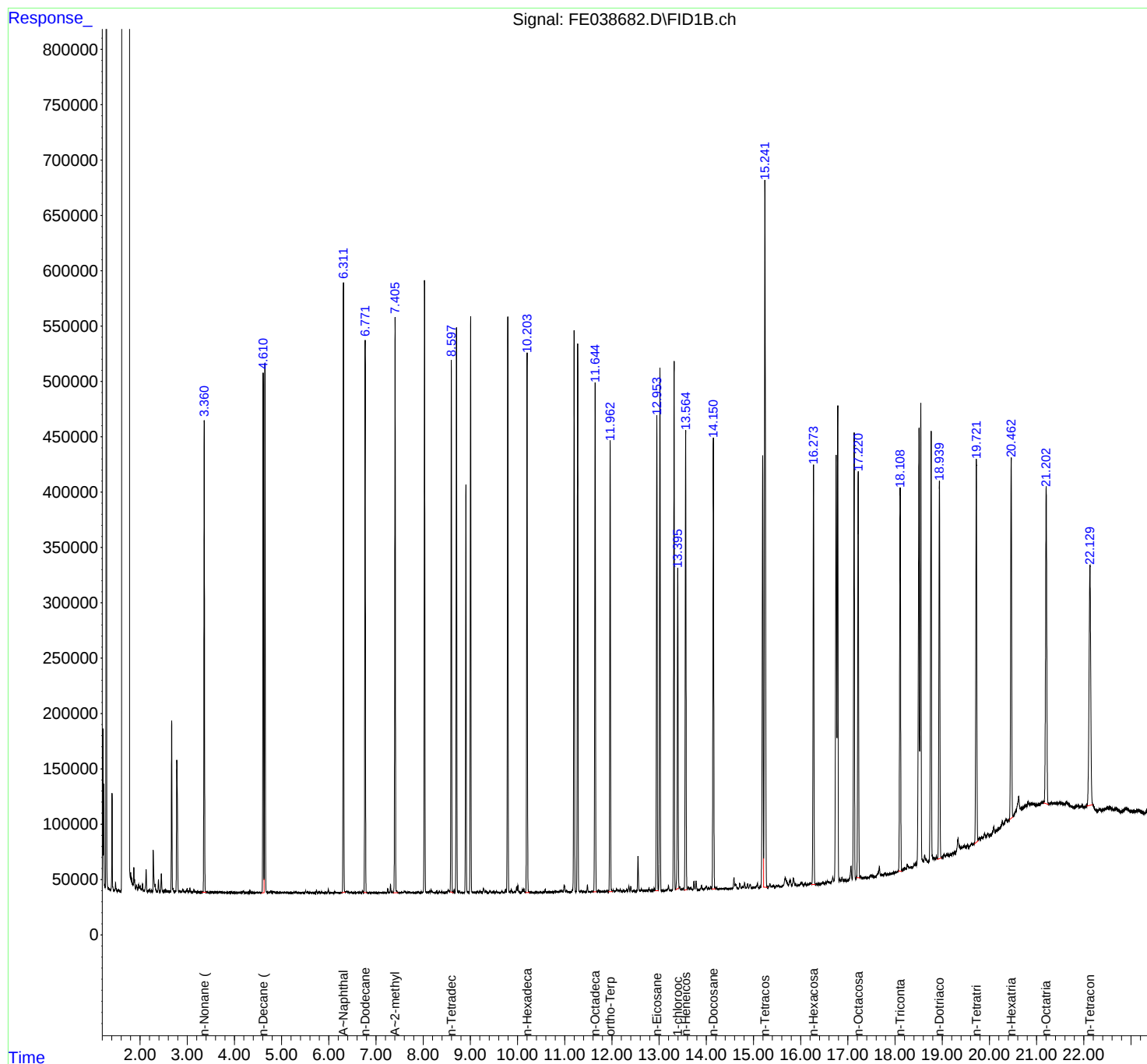
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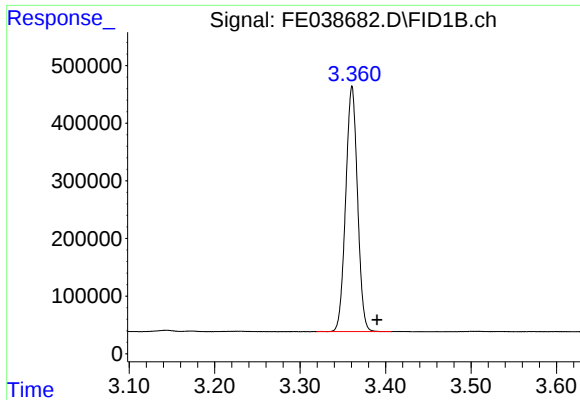
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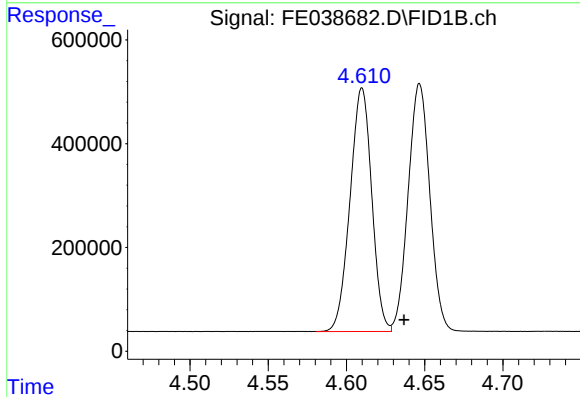
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.029 min
Response: 4086548
Conc: 26.53 ug/ml

Instrument :
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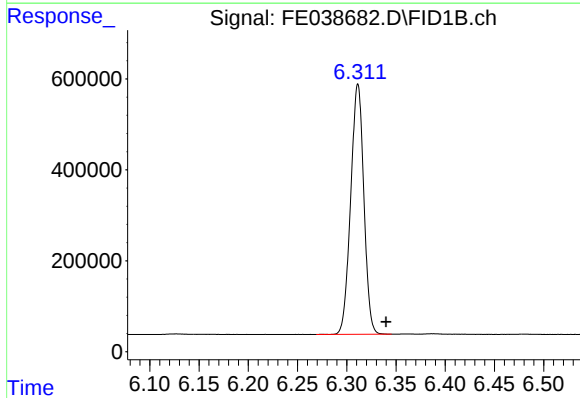
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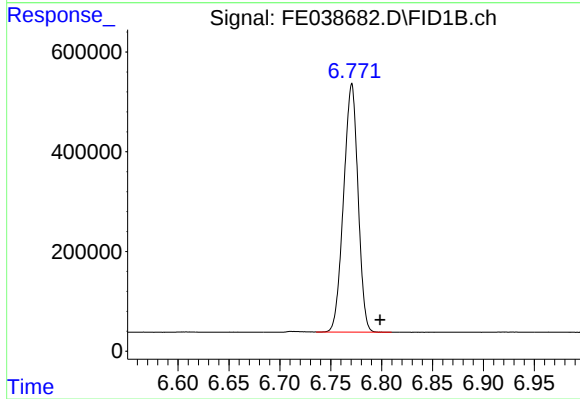
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.027 min
Response: 4538879
Conc: 29.24 ug/ml m



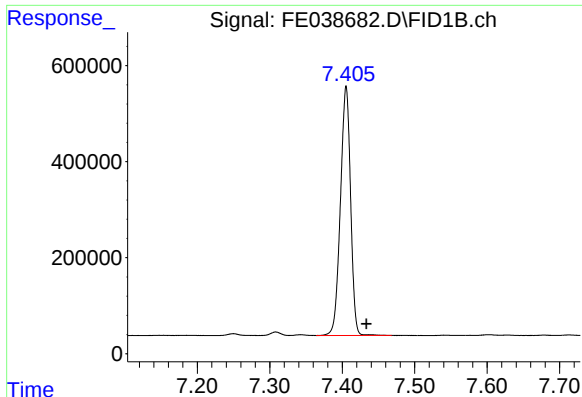
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.029 min
Response: 5116434
Conc: 30.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.028 min
Response: 4915226
Conc: 31.46 ug/ml



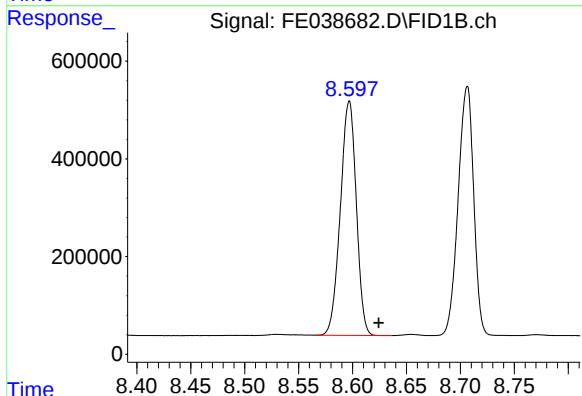
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: -0.028 min
Response: 5061944
Conc: 30.21 ug/ml

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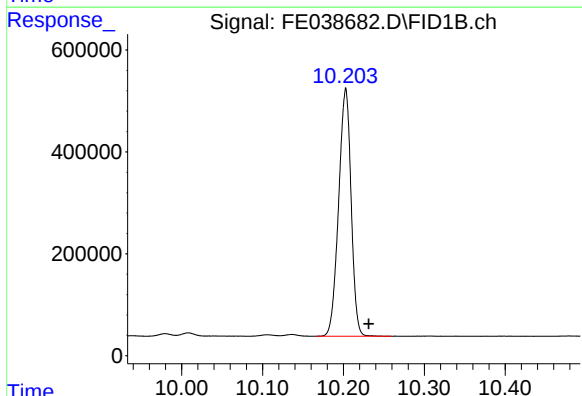
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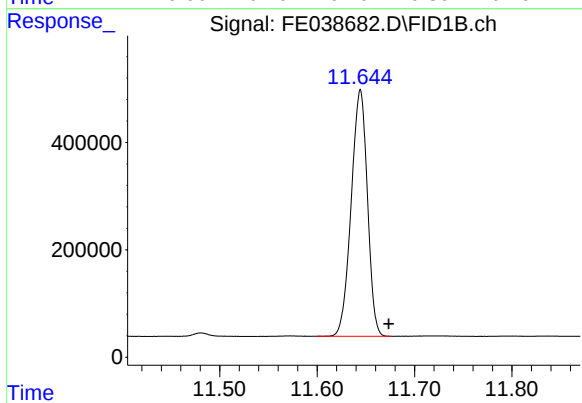
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.027 min
Response: 4936573
Conc: 31.57 ug/ml



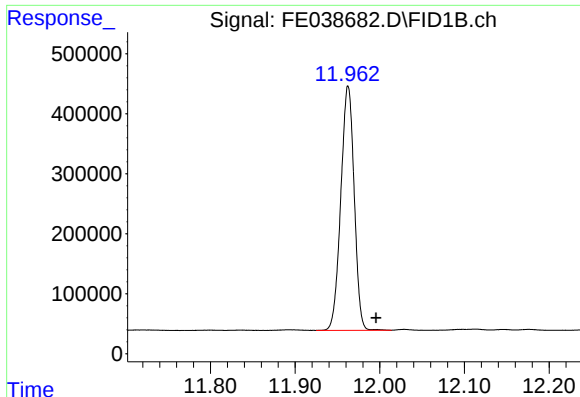
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 5203581
Conc: 32.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: -0.029 min
Response: 5309057
Conc: 33.14 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.963 min
Delta R.T.: -0.033 min
Response: 4472629
Conc: 25.99 ug/ml

Instrument :

FID_E

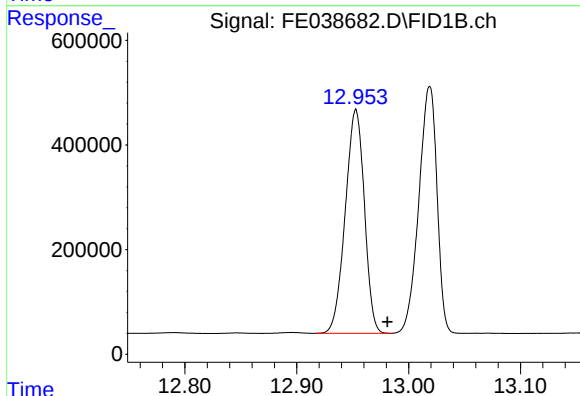
ClientSampleId :

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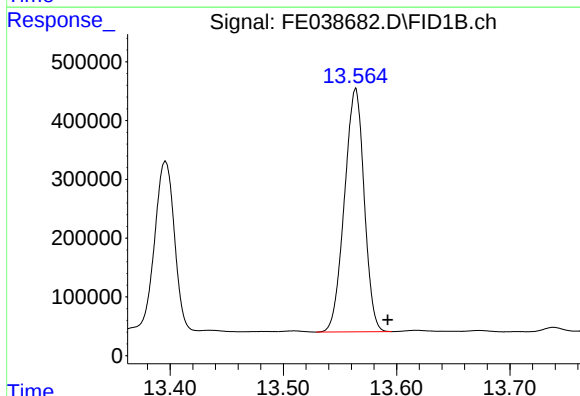
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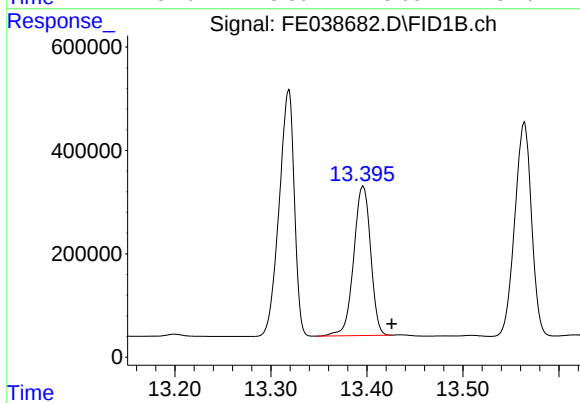
#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: -0.028 min
Response: 5089597
Conc: 31.59 ug/ml



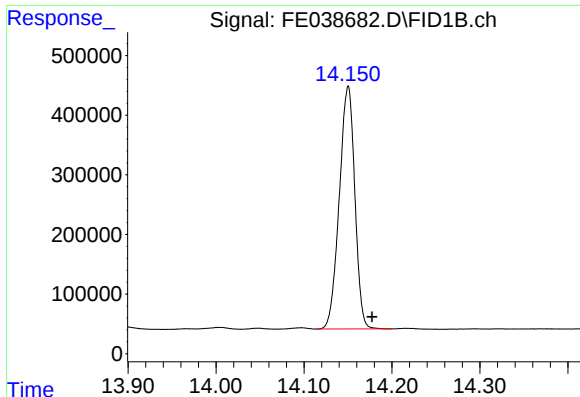
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.028 min
Response: 5006455
Conc: 30.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: -0.030 min
Response: 3540098
Conc: 25.86 ug/ml



#13 n-Docosane (C22)

R.T.: 14.150 min
Delta R.T.: -0.027 min
Response: 5000035
Conc: 30.97 ug/ml

Instrument :

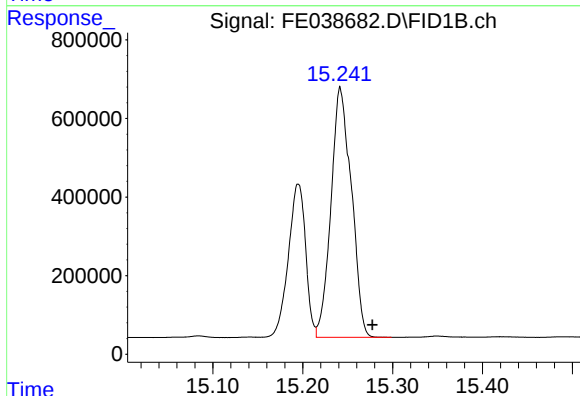
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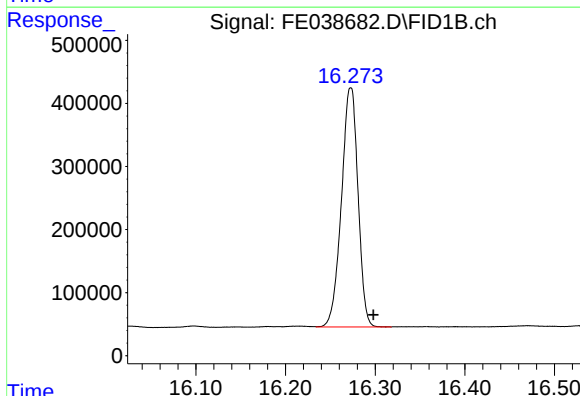
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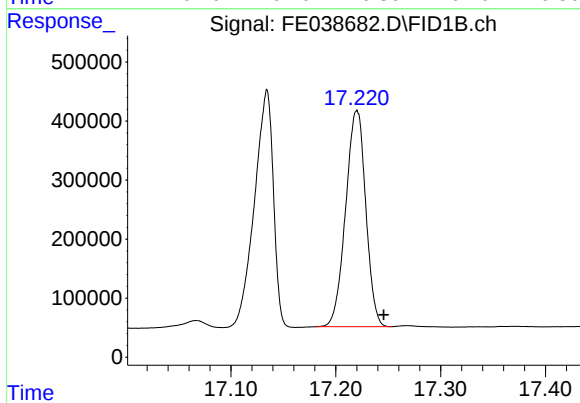
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.036 min
Response: 10030088
Conc: 62.53 ug/ml



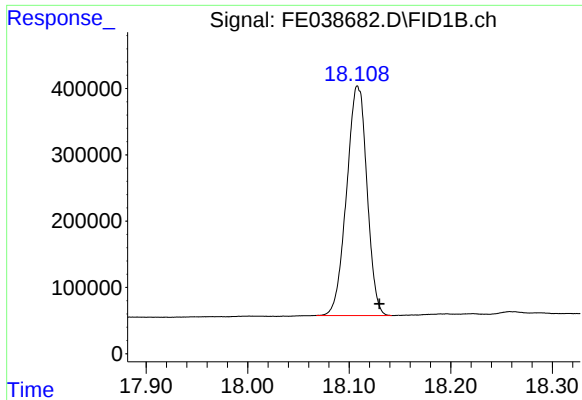
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.025 min
Response: 4873253
Conc: 30.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: -0.026 min
Response: 4890991
Conc: 31.17 ug/ml m



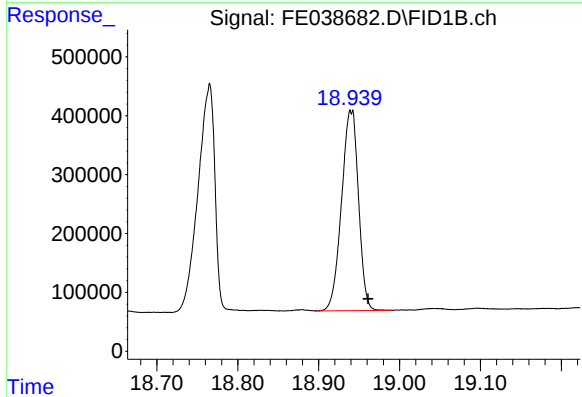
#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: -0.022 min
Response: 4832282
Conc: 30.29 ug/ml

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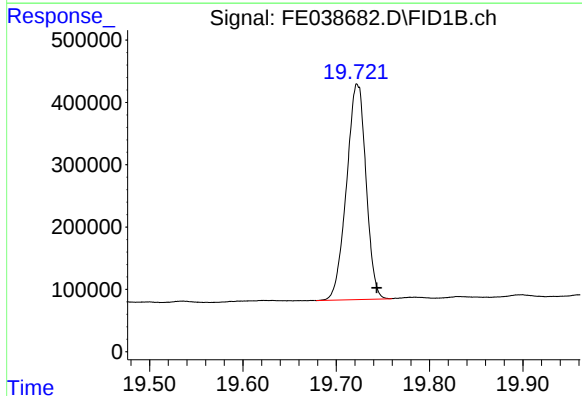
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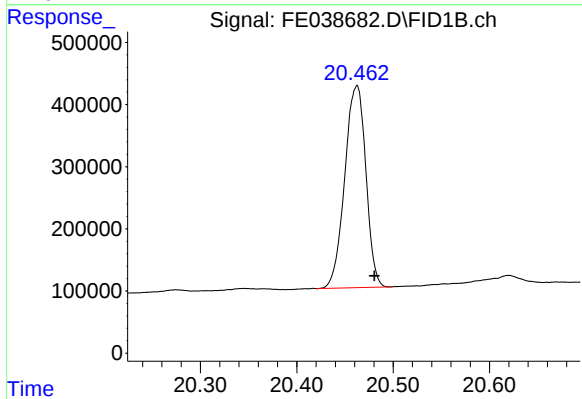
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.021 min
Response: 4966369
Conc: 31.50 ug/ml



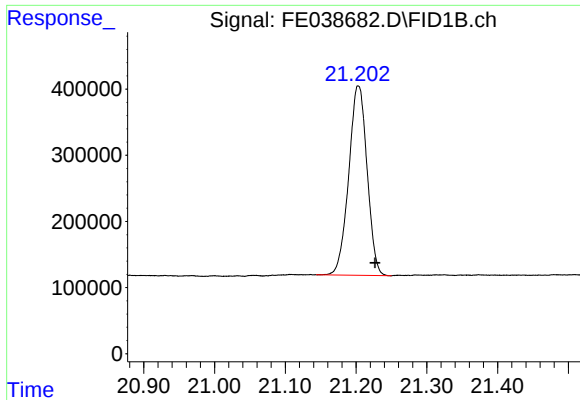
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.022 min
Response: 5018955
Conc: 34.04 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: -0.018 min
Response: 4938973
Conc: 34.57 ug/ml



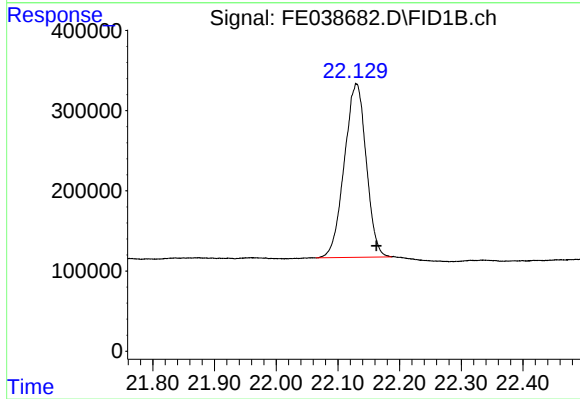
#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 5161232
Conc: 38.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.033 min
Response: 5327866
Conc: 42.21 ug/ml m