

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122822AL\
 Data File : FE039520.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2022 14:49
 Operator : YP\AJ
 Sample : PB149941BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149941BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2022
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e
 Quant Time: Dec 28 17:17:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.927	4228915	28.338 ug/ml
Spiked Amount 50.000		Recovery =	56.68%
12) S 1-chlorooctadecane (S...	13.362	3379832	29.365 ug/ml
Spiked Amount 50.000		Recovery =	58.73%
Target Compounds			
1) T n-Nonane (C9)	3.331	4128047	31.936 ug/ml
2) T n-Decane (C10)	4.576	4595579	36.066 ug/ml
3) T A~Naphthalene (C11.7)	6.274	4225653	29.232 ug/ml
4) T n-Dodecane (C12)	6.736	5346947	41.186 ug/ml
5) T A~2-methylnaphthalene...	7.368	4248085	31.367 ug/ml
6) T n-Tetradecane (C14)	8.563	5566370	42.007 ug/ml
7) T n-Hexadecane (C16)	10.169	5897971	42.871 ug/ml
8) T n-Octadecane (C18)	11.611	6149458	43.905 ug/ml
10) T n-Eicosane (C20)	12.920	6013953	44.056 ug/ml
11) T n-Heneicosane (C21)	13.531	5968242	43.758 ug/mlm
13) T n-Docosane (C22)	14.117	5984987	44.243 ug/ml
14) T n-Tetracosane (C24)	15.220	5620746	41.871 ug/mlm
15) T n-Hexacosane (C26)	16.241	5812730	44.641 ug/ml
16) T n-Octacosane (C28)	17.188	5714863	44.404 ug/ml
17) T n-Tricontane (C30)	18.077	5514151	42.829 ug/mlm
18) T n-Dotriacontane (C32)	18.909	5411682	41.789 ug/ml
19) T n-Tetratriacontane (C34)	19.692	4954721	39.273 ug/ml
20) T n-Hexatriacontane (C36)	20.433	4186565	34.623 ug/mlm
21) T n-Octatriacontane (C38)	21.168	3709632	30.038 ug/ml
22) T n-Tetracontane (C40)	22.076	3387005	26.970 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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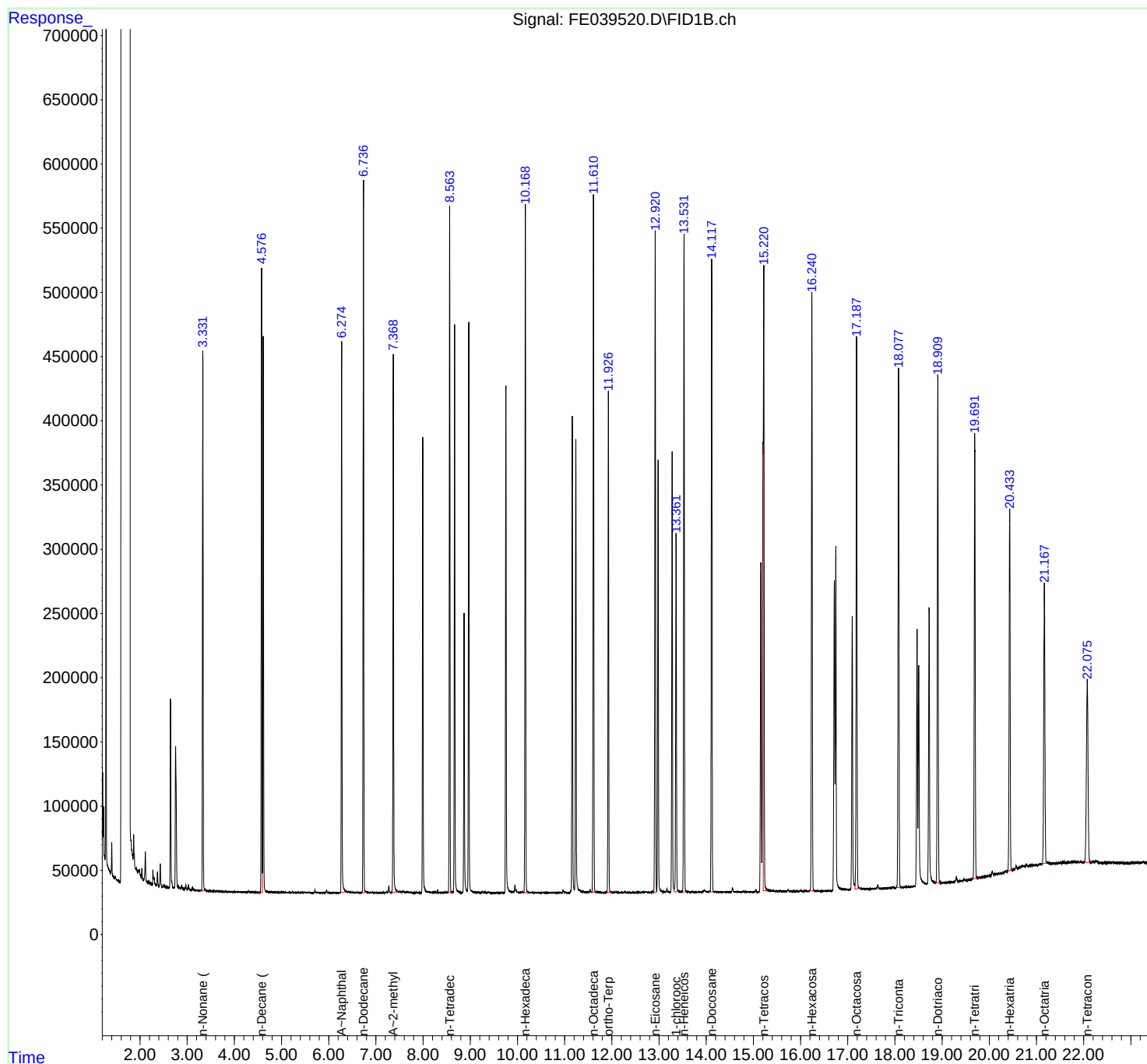
Instrument :
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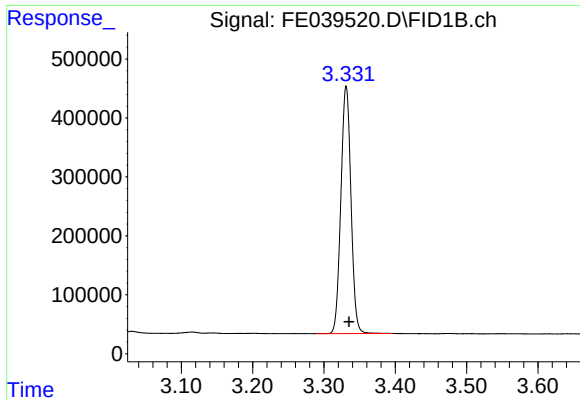
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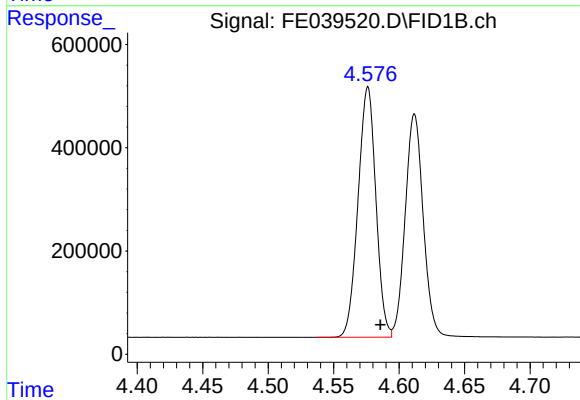
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 4128047
Conc: 31.94 ug/ml

Instrument :
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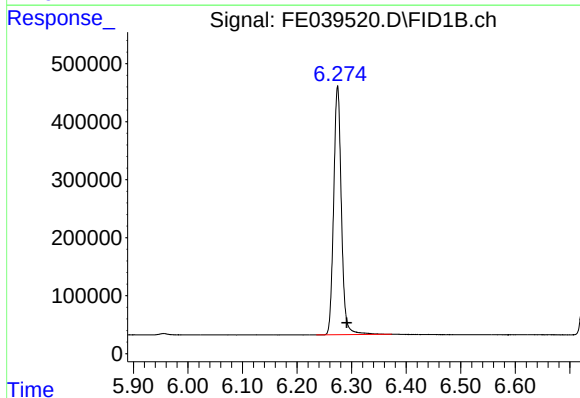
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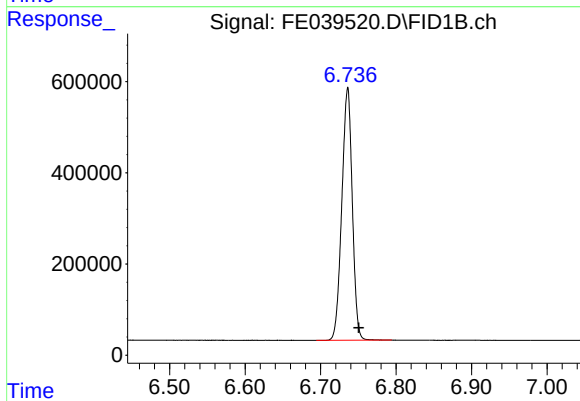
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.010 min
Response: 4595579
Conc: 36.07 ug/ml



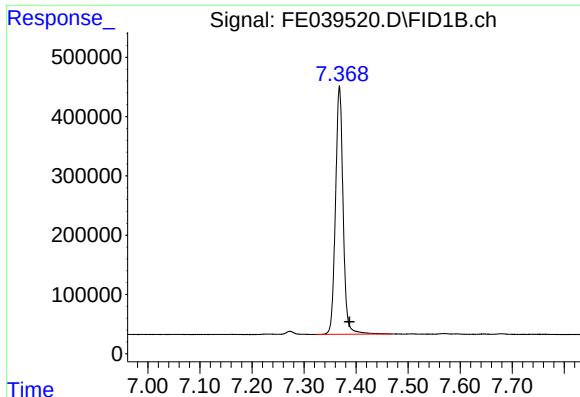
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.017 min
Response: 4225653
Conc: 29.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: -0.014 min
Response: 5346947
Conc: 41.19 ug/ml



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

R.T.: 7.368 min
Delta R.T.: -0.019 min
Response: 4248085
Conc: 31.37 ug/ml

Instrument :

FID_E

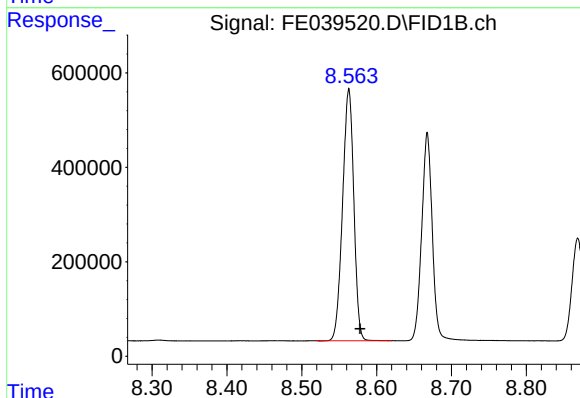
ClientSampleId :

PB149941BS

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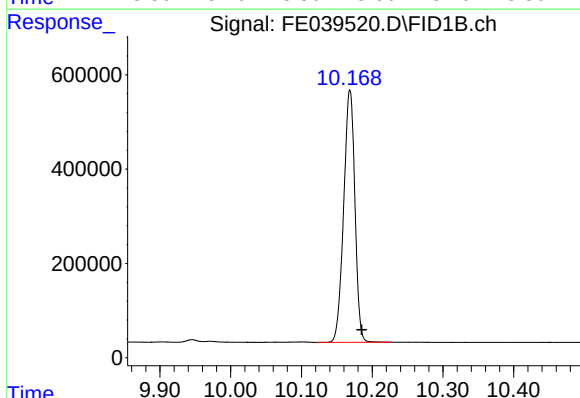
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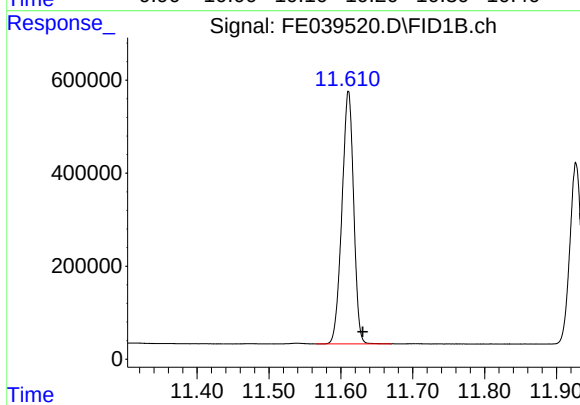
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.015 min
Response: 5566370
Conc: 42.01 ug/ml



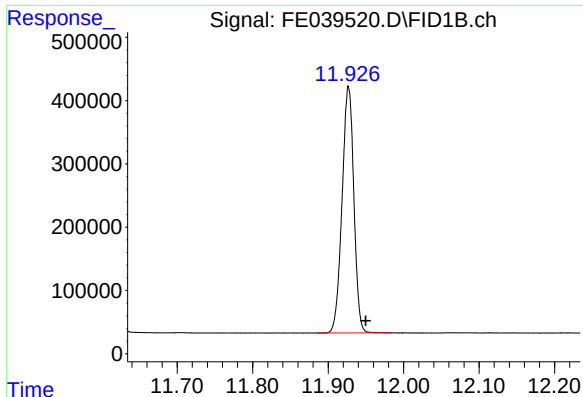
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.017 min
Response: 5897971
Conc: 42.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: -0.020 min
Response: 6149458
Conc: 43.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.023 min
Response: 4228915
Conc: 28.34 ug/ml

Instrument :

FID_E

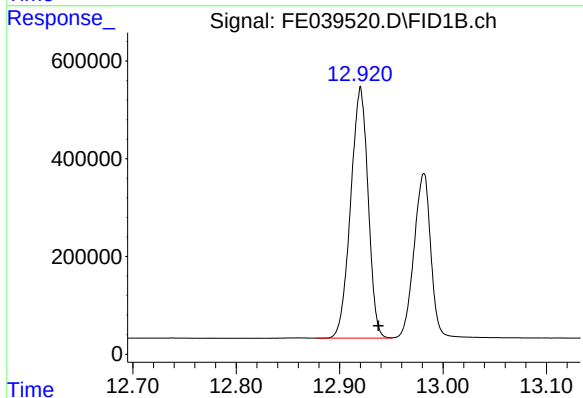
ClientSampleId :

PB149941BS

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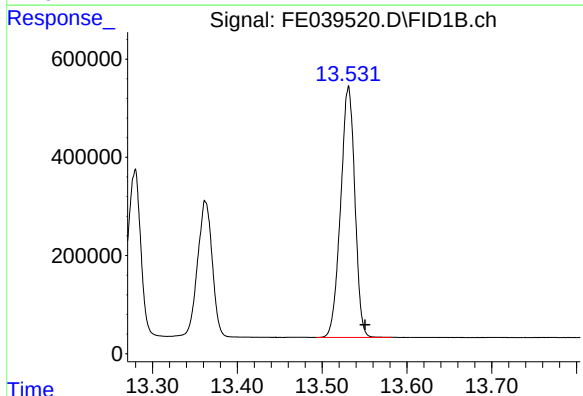
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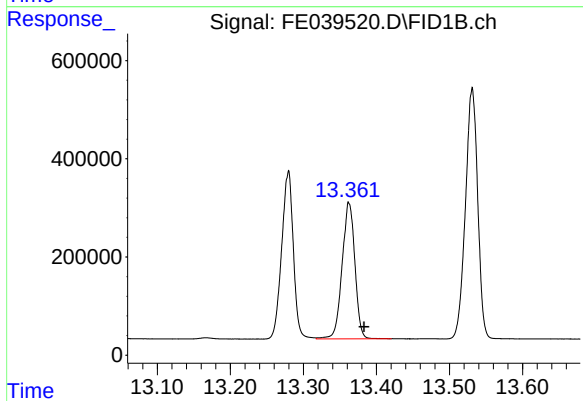
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.017 min
Response: 6013953
Conc: 44.06 ug/ml



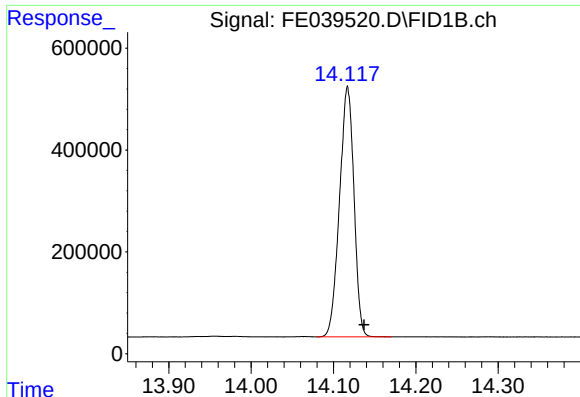
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.020 min
Response: 5968242
Conc: 43.76 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.021 min
Response: 3379832
Conc: 29.36 ug/ml



#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: -0.020 min
Response: 5984987
Conc: 44.24 ug/ml

Instrument :

FID_E

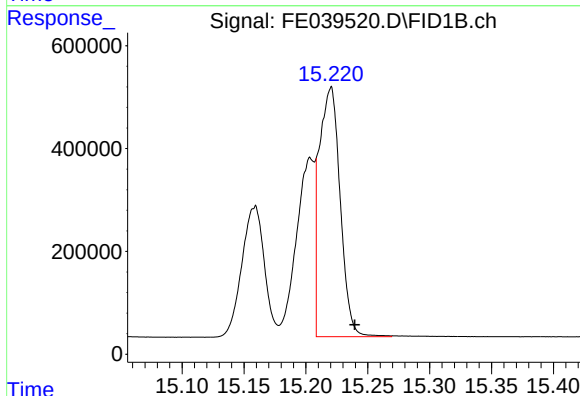
ClientSampleId :

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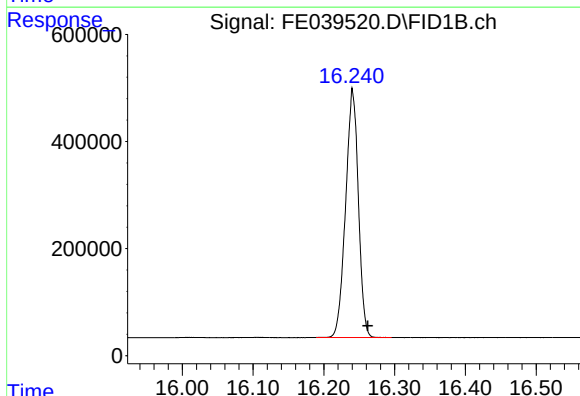
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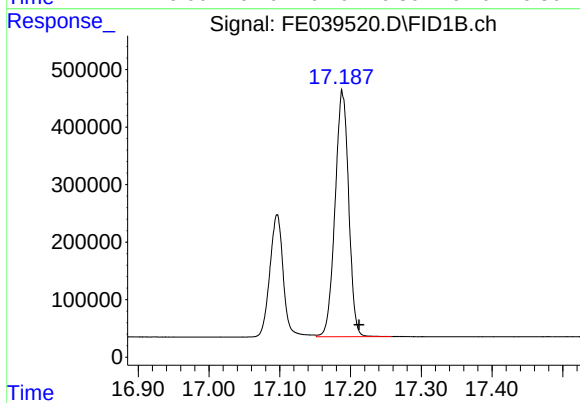
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.019 min
Response: 5620746
Conc: 41.87 ug/ml m



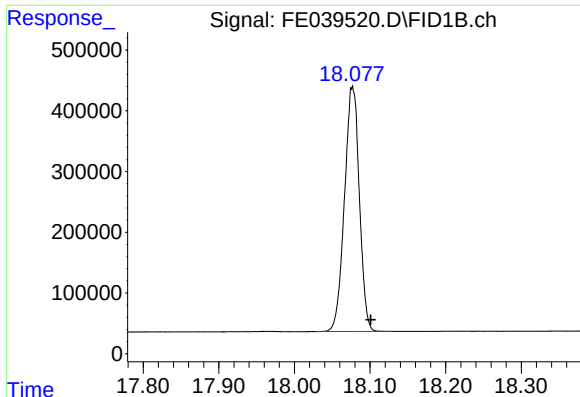
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: -0.021 min
Response: 5812730
Conc: 44.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.188 min
Delta R.T.: -0.024 min
Response: 5714863
Conc: 44.40 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: -0.024 min
Response: 5514151
Conc: 42.83 ug/ml

Instrument :

FID_E

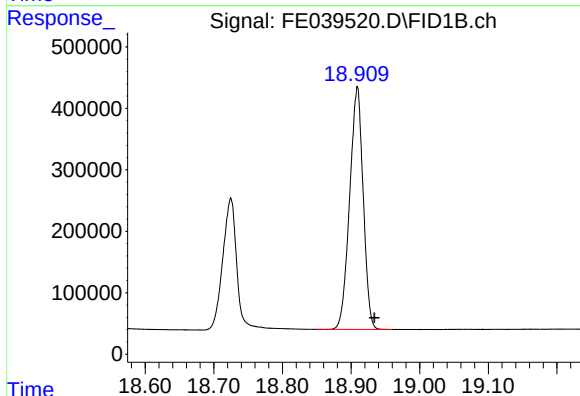
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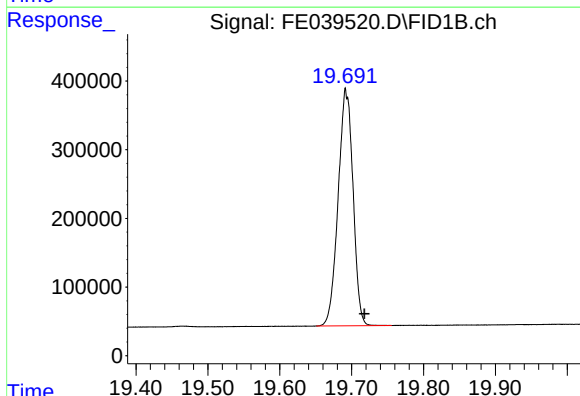
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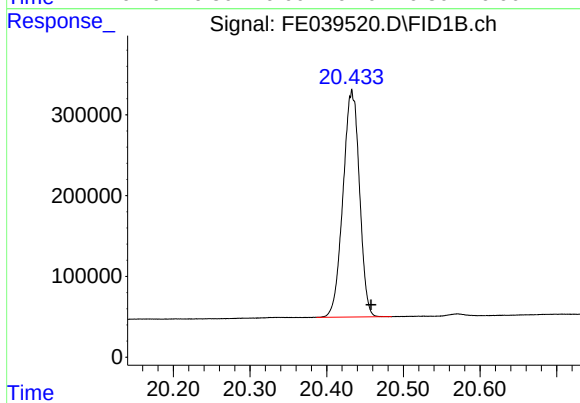
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: -0.025 min
Response: 5411682
Conc: 41.79 ug/ml



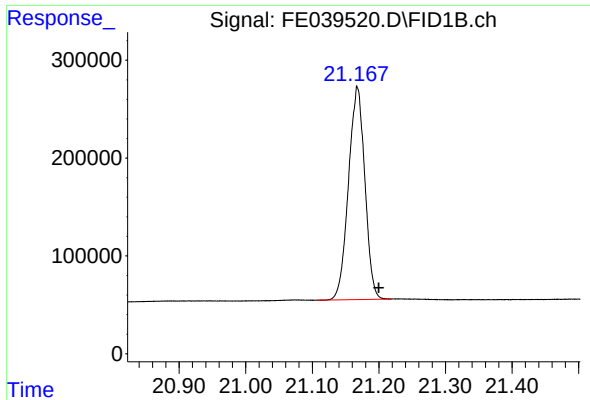
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: -0.026 min
Response: 4954721
Conc: 39.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.026 min
Response: 4186565
Conc: 34.62 ug/ml m



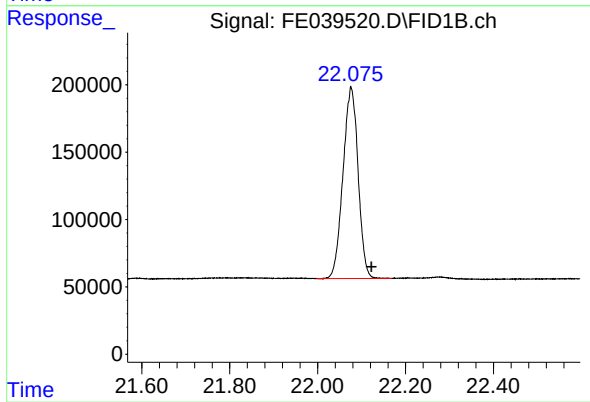
#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.032 min
Response: 3709632
Conc: 30.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.046 min
Response: 3387005
Conc: 26.97 ug/ml