

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102622AL\
 Data File : FE038341.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2022 04:48
 Operator : YP\AJ
 Sample : N5267-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP1-1024MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/27/2022

Supervised By :Ankita Jodhani 10/28/2022

Integration File: sample.E
 Quant Time: Oct 27 06:53:44 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)	11.980	4983947	28.964 ug/ml
Spiked Amount	50.000	Recovery	= 57.93%
12) S 1-chlorooctadecane (S...	13.412	3809286	27.825 ug/ml
Spiked Amount	50.000	Recovery	= 55.65%
Target Compounds			
1) T n-Nonane (C9)	3.378	4206290	27.311 ug/ml
2) T n-Decane (C10)	4.626	4678842	30.143 ug/ml
3) T A~Naphthalene (C11.7)	6.327	5368364	31.699 ug/ml
4) T n-Dodecane (C12)	6.786	5256144	33.647 ug/ml
5) T A~2-methylnaphthalene...	7.420	5474870	32.669 ug/ml
6) T n-Tetradecane (C14)	8.613	5535463	35.396 ug/ml
7) T n-Hexadecane (C16)	10.217	5725292	36.238 ug/ml
8) T n-Octadecane (C18)	11.660	5909891	36.895 ug/ml
10) T n-Eicosane (C20)	12.967	5829576	36.180 ug/ml
11) T n-Heneicosane (C21)	13.579	5826935	36.073 ug/ml
13) T n-Docosane (C22)	14.164	5784129	35.828 ug/ml
14) T n-Tetracosane (C24)	15.249	11037131	68.811 ug/mlm
15) T n-Hexacosane (C26)	16.286	5709445	35.946 ug/ml
16) T n-Octacosane (C28)	17.233	5652431	36.028 ug/ml
17) T n-Tricontane (C30)	18.120	5456825	34.200 ug/ml
18) T n-Dotriacontane (C32)	18.950	5445360	34.536 ug/ml
19) T n-Tetratriacontane (C34)	19.732	5437540	36.884 ug/mlm
20) T n-Hexatriacontane (C36)	20.469	5254807	36.777 ug/ml
21) T n-Octatriacontane (C38)	21.214	4993006	36.968 ug/ml
22) T n-Tetracontane (C40)	22.143	4832604	38.284 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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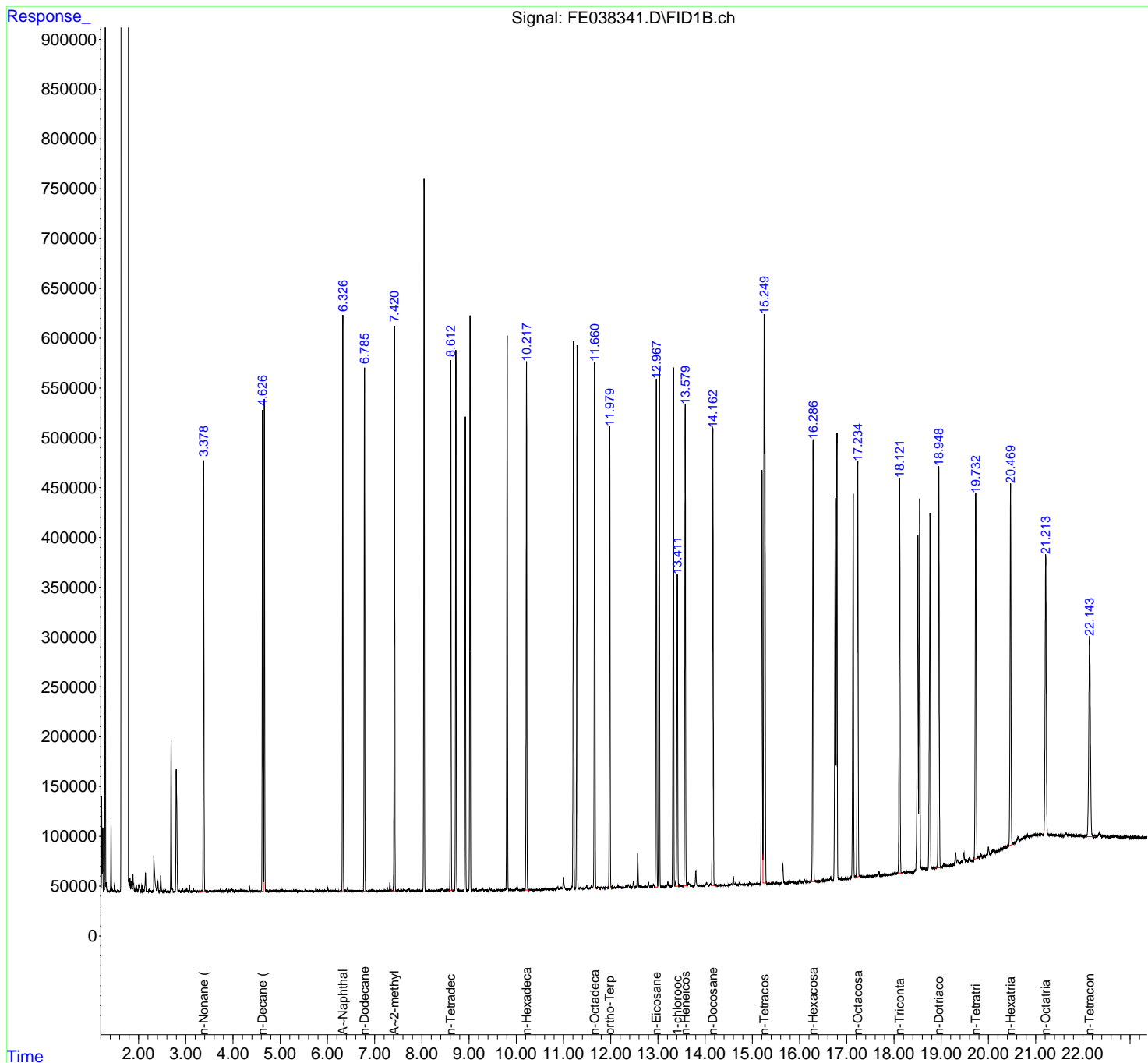
APPROVED

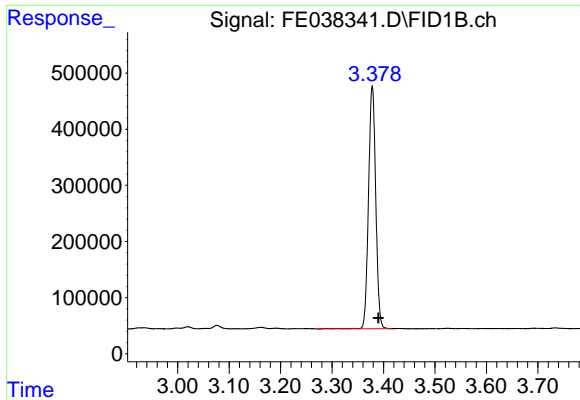
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#1 n-Nonane (C9)

R.T.: 3.378 min
 Delta R.T.: -0.012 min
 Response: 4206290
 Conc: 27.31 ug/ml

Instrument :

FID_E

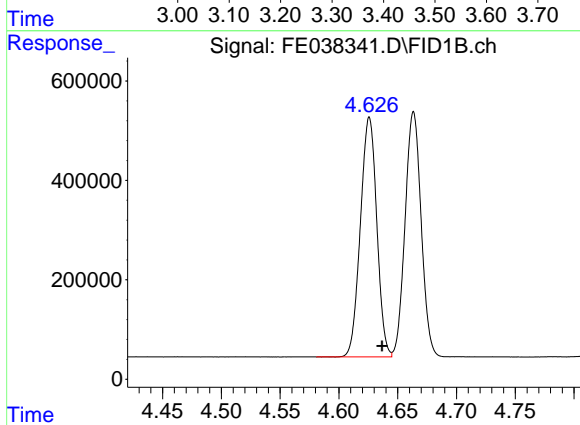
ClientSampleId :

TP1-1024MS

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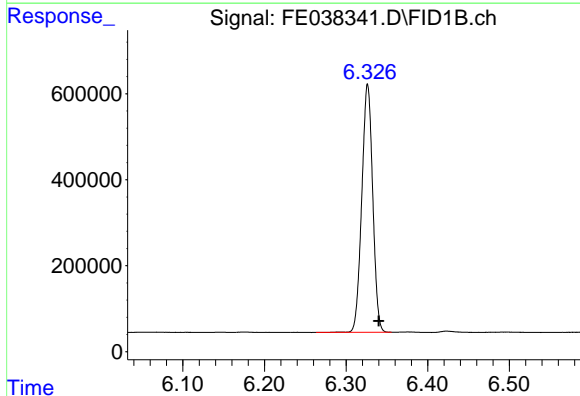
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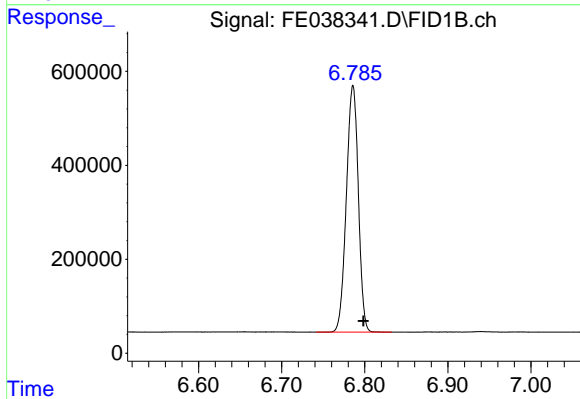
#2 n-Decane (C10)

R.T.: 4.626 min
 Delta R.T.: -0.011 min
 Response: 4678842
 Conc: 30.14 ug/ml



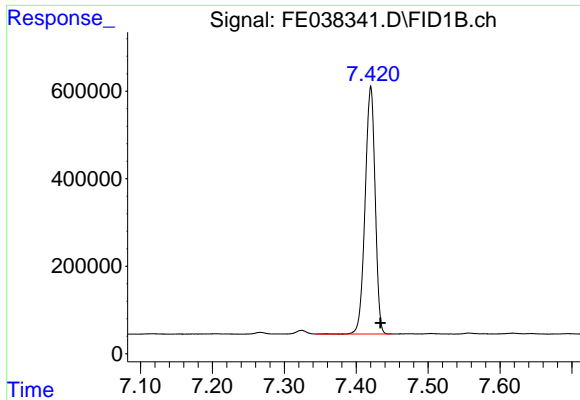
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
 Delta R.T.: -0.014 min
 Response: 5368364
 Conc: 31.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.786 min
 Delta R.T.: -0.013 min
 Response: 5256144
 Conc: 33.65 ug/ml



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

R.T.: 7.420 min
 Delta R.T.: -0.013 min
 Response: 5474870
 Conc: 32.67 ug/ml

Instrument :

FID_E

ClientSampleId :

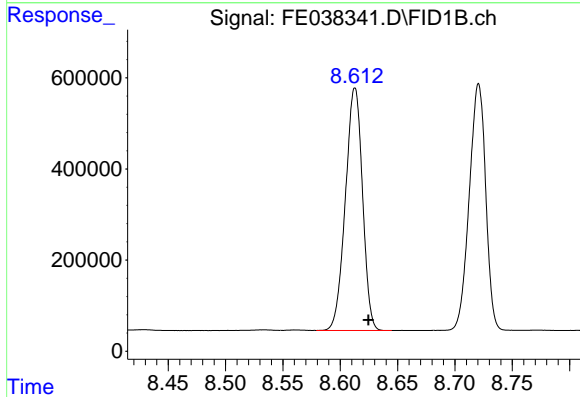
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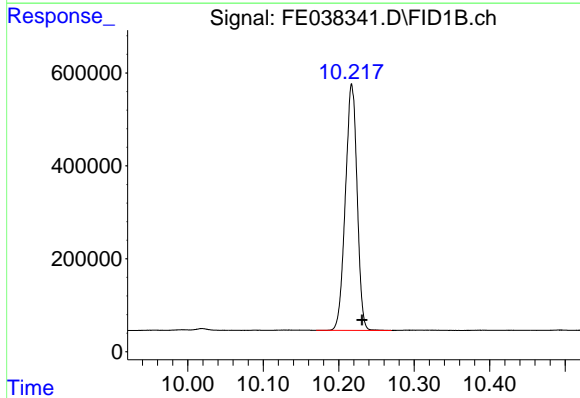
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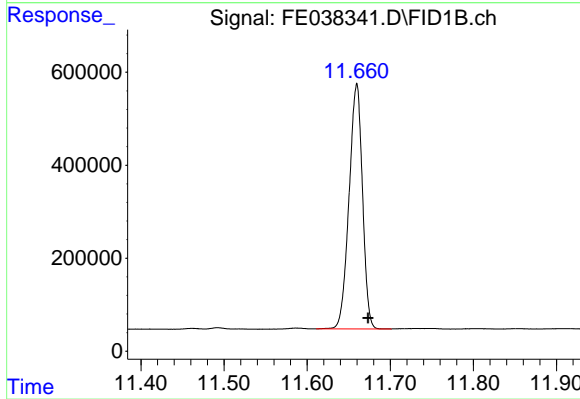
#6 n-Tetradecane (C14)

R.T.: 8.613 min
 Delta R.T.: -0.012 min
 Response: 5535463
 Conc: 35.40 ug/ml



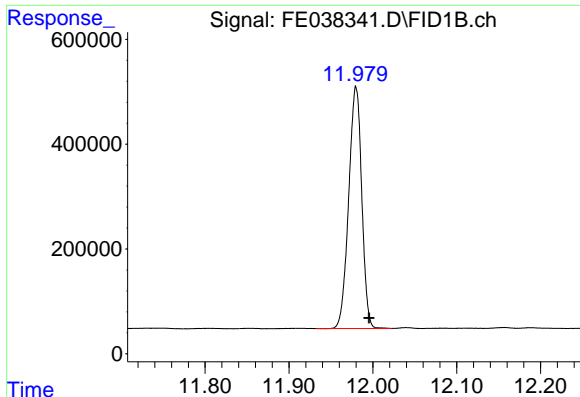
#7 n-Hexadecane (C16)

R.T.: 10.217 min
 Delta R.T.: -0.014 min
 Response: 5725292
 Conc: 36.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.660 min
 Delta R.T.: -0.014 min
 Response: 5909891
 Conc: 36.90 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.980 min
 Delta R.T.: -0.015 min
 Response: 4983947
 Conc: 28.96 ug/ml

Instrument :

FID_E

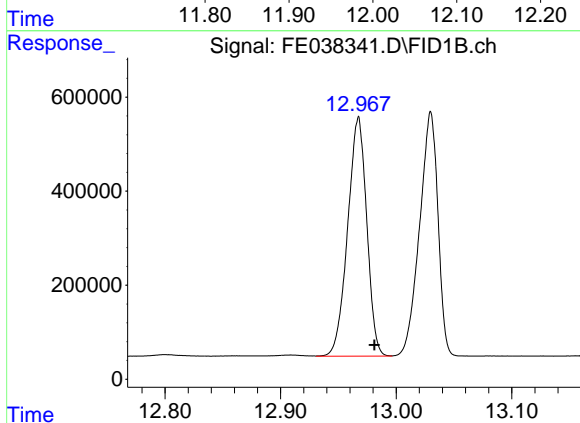
ClientSampleId :

TP1-1024MS

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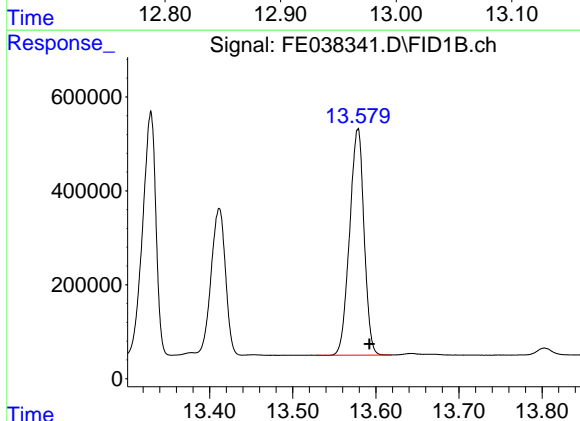
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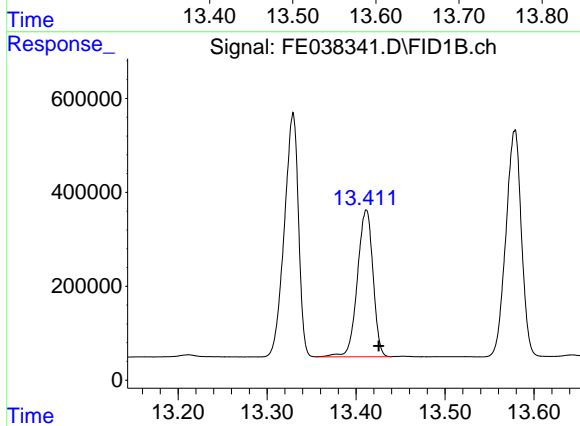
#10 n-Eicosane (C20)

R.T.: 12.967 min
 Delta R.T.: -0.014 min
 Response: 5829576
 Conc: 36.18 ug/ml



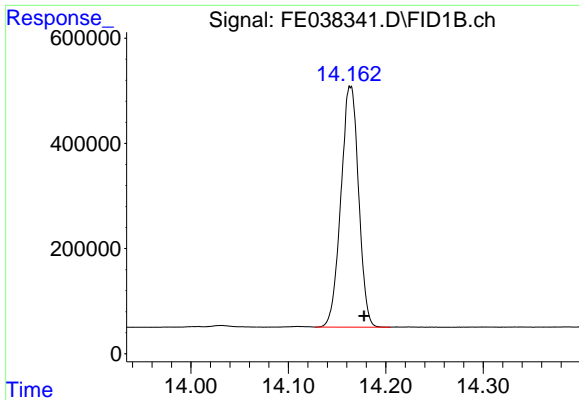
#11 n-Heneicosane (C21)

R.T.: 13.579 min
 Delta R.T.: -0.013 min
 Response: 5826935
 Conc: 36.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
 Delta R.T.: -0.014 min
 Response: 3809286
 Conc: 27.83 ug/ml



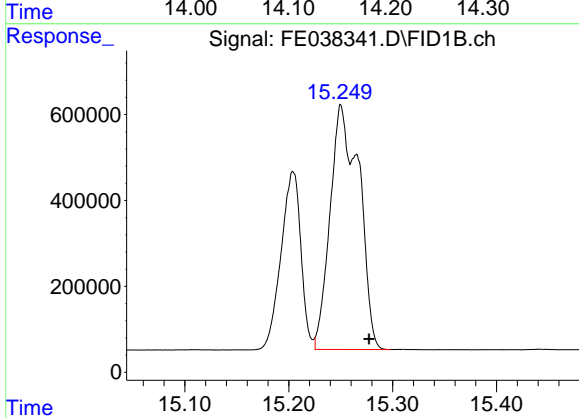
#13 n-Docosane (C22)
 R.T.: 14.164 min
 Delta R.T.: -0.014 min
 Response: 5784129
 Conc: 35.83 ug/ml

Instrument :
 FID_E

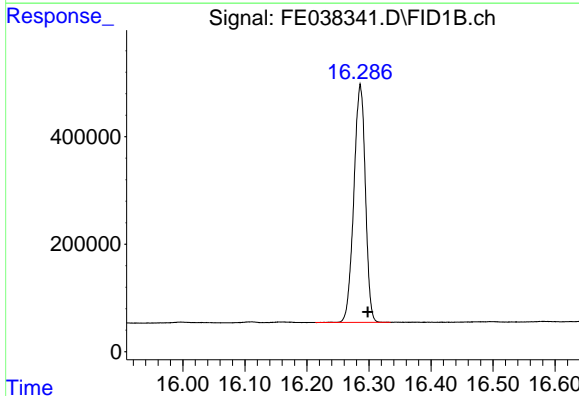
Client Sample Id :
 TP1-1024MS

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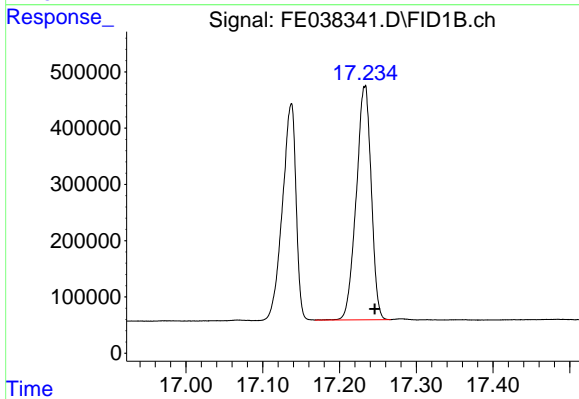
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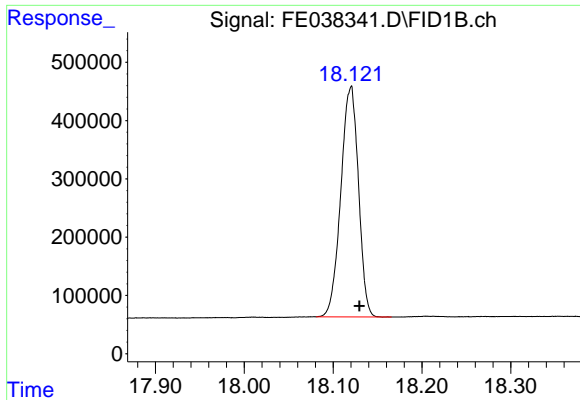
#14 n-Tetracosane (C24)
 R.T.: 15.249 min
 Delta R.T.: -0.028 min
 Response: 11037131
 Conc: 68.81 ug/ml m



#15 n-Hexacosane (C26)
 R.T.: 16.286 min
 Delta R.T.: -0.012 min
 Response: 5709445
 Conc: 35.95 ug/ml



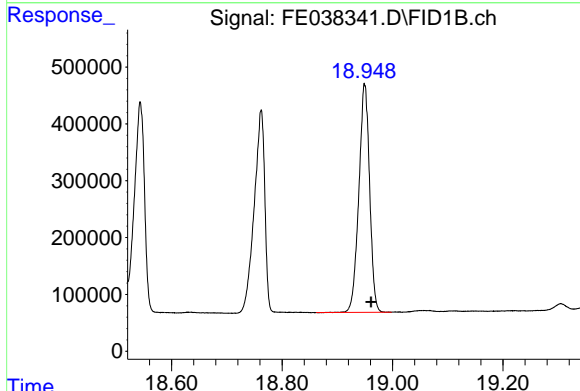
#16 n-Octacosane (C28)
 R.T.: 17.233 min
 Delta R.T.: -0.013 min
 Response: 5652431
 Conc: 36.03 ug/ml



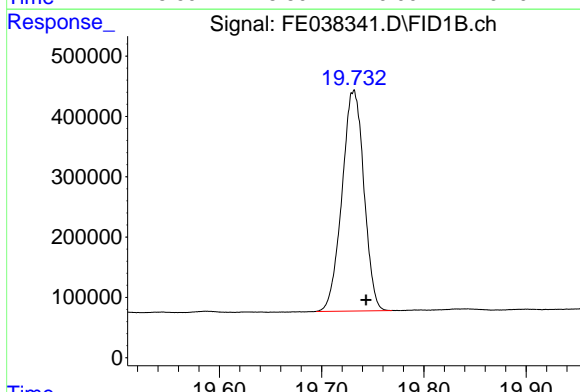
#17 n-Tricontane (C30)
 R.T.: 18.120 min
 Delta R.T.: -0.010 min
 Response: 5456825
 Conc: 34.20 ug/ml

Instrument : FID_E
 Client Sample Id : TP1-1024MS

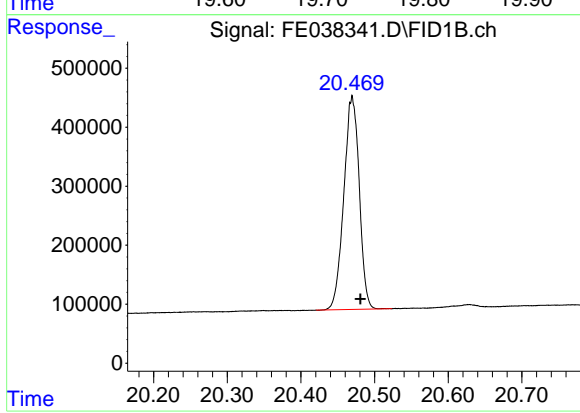
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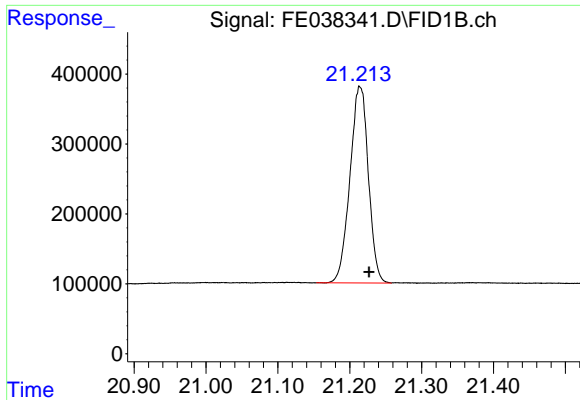
#18 n-Dotriacontane (C32)
 R.T.: 18.950 min
 Delta R.T.: -0.012 min
 Response: 5445360
 Conc: 34.54 ug/ml



#19 n-Tetratriacontane (C34)
 R.T.: 19.732 min
 Delta R.T.: -0.012 min
 Response: 5437540
 Conc: 36.88 ug/ml m



#20 n-Hexatriacontane (C36)
 R.T.: 20.469 min
 Delta R.T.: -0.011 min
 Response: 5254807
 Conc: 36.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
 Delta R.T.: -0.013 min
 Response: 4993006
 Conc: 36.97 ug/ml

Instrument :

FID_E

ClientSampleId :

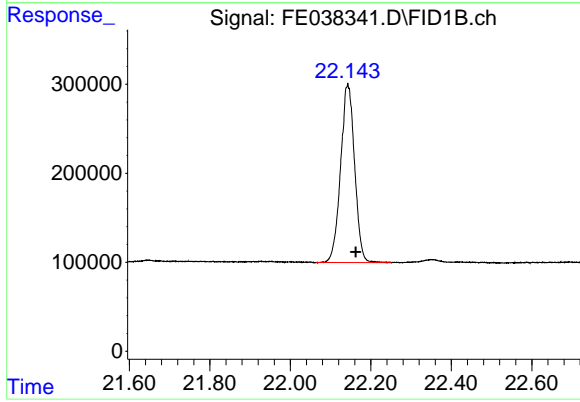
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#22 n-Tetracontane (C40)

R.T.: 22.143 min
 Delta R.T.: -0.019 min
 Response: 4832604
 Conc: 38.28 ug/ml