

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070722AL\
 Data File : FC060617.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2022 16:25
 Operator : YP/AJ
 Sample : PB146074BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB146074BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File: autoint1.e
 Quant Time: Jul 08 04:25:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 Qlast Update : Sat Jun 25 04:15:44 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)	10.634	6948011	37.914 ug/ml
Spiked Amount 50.000		Recovery =	75.83%
12) S 1-chlorooctadecane (S...	12.000	6140272	41.659 ug/ml
Spiked Amount 50.000		Recovery =	83.32%
Target Compounds			
1) T n-Nonane (C9)	2.630	5708693	37.215 ug/ml
2) T n-Decane (C10)	3.621	5743250	37.607 ug/ml
3) T A~Naphthalene (C11.7)	5.154	7211452	43.133 ug/ml
4) T n-Dodecane (C12)	5.567	6824223	42.226 ug/ml
5) T A~2-methylnaphthalene...	6.178	7421679	43.660 ug/ml
6) T n-Tetradecane (C14)	7.319	7464005	45.182 ug/ml
7) T n-Hexadecane (C16)	8.880	7830673	46.335 ug/ml
8) T n-Octadecane (C18)	10.287	8235120	47.867 ug/ml
10) T n-Eicosane (C20)	11.566	7844807	45.965 ug/ml
11) T n-Heneicosane (C21)	12.164	7775050	45.601 ug/ml
13) T n-Docosane (C22)	12.735	7633068	44.779 ug/ml
14) T n-Tetracosane (C24)	13.813	13915002	82.877 ug/mlm
15) T n-Hexacosane (C26)	14.808	7037311	42.825 ug/ml
16) T n-Octacosane (C28)	15.734	9121884	57.487 ug/mlm
17) T n-Tricontane (C30)	16.601	6351960	41.728 ug/ml
18) T n-Dotriacontane (C32)	17.410	6712211	46.175 ug/ml
19) T n-Tetratriacontane (C34)	18.173	5770378	45.432 ug/ml
20) T n-Hexatriacontane (C36)	18.893	5449198	48.554 ug/ml
21) T n-Octatriacontane (C38)	19.577	5206282	47.561 ug/mlm
22) T n-Tetracontane (C40)	20.224	5136815	45.483 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 8 Sample Multiplier: 1

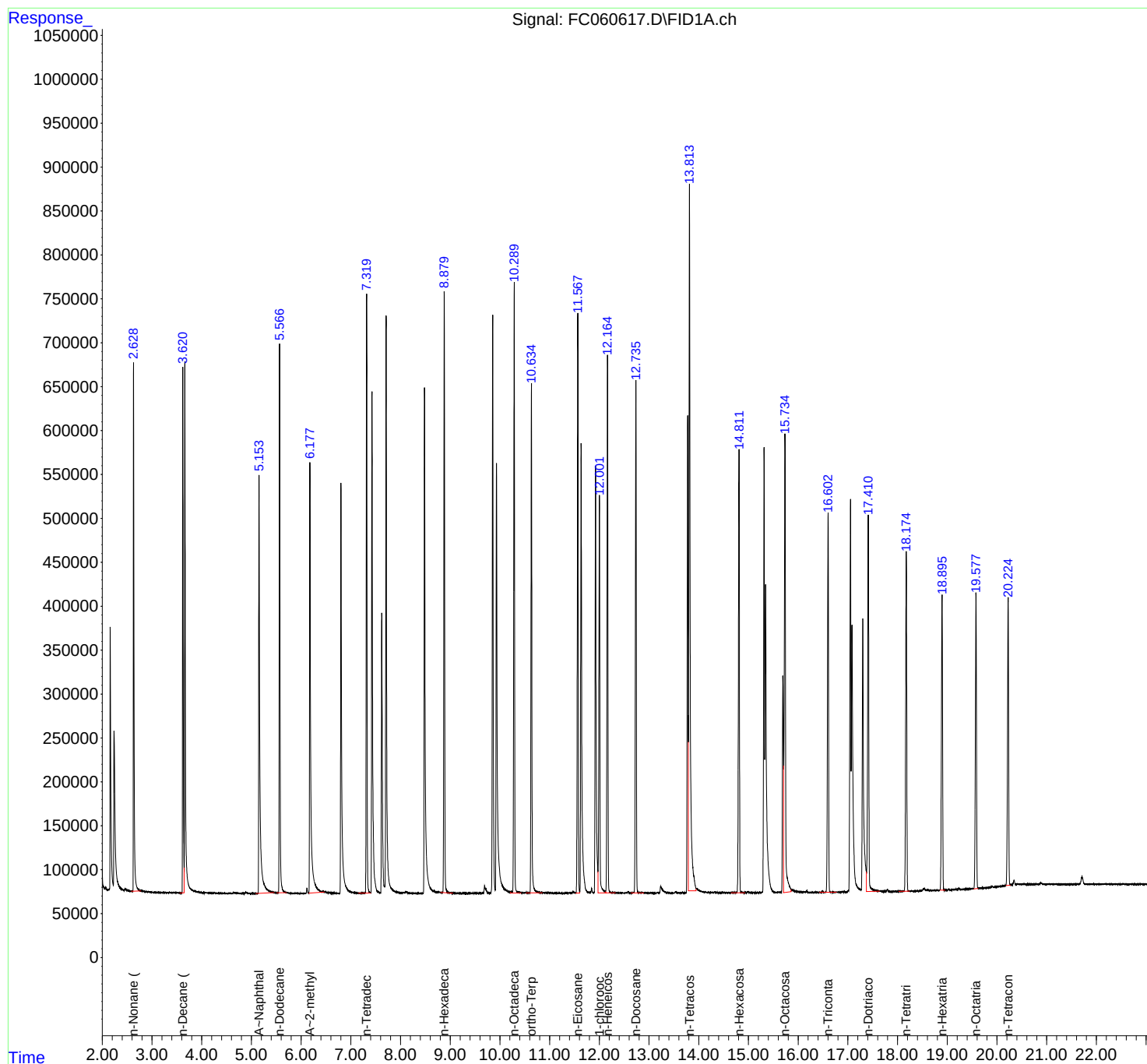
Instrument :
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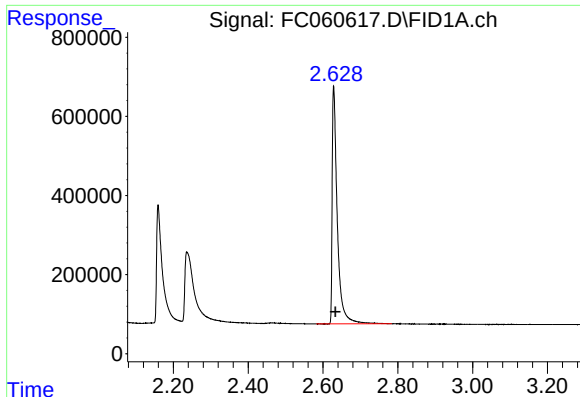
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.630 min
Delta R.T.: -0.003 min
Response: 5708693
Conc: 37.21 ug/ml

Instrument :

FID_C

ClientSampleId :

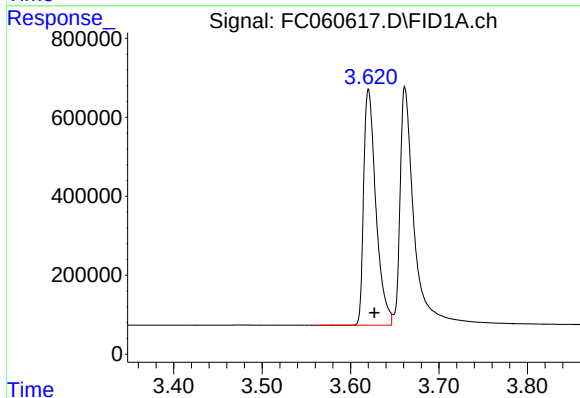
PB146074BSD

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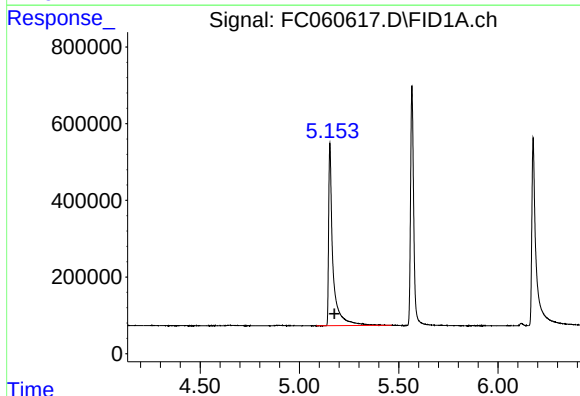
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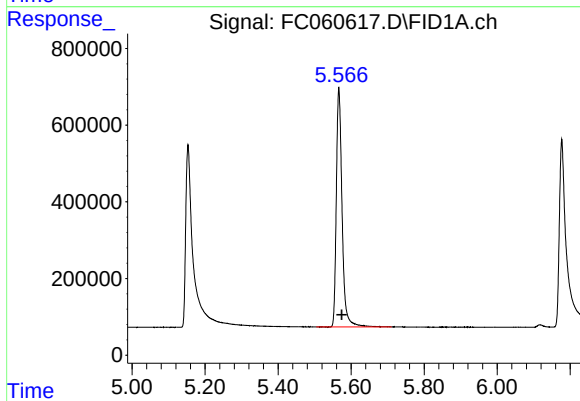
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.006 min
Response: 5743250
Conc: 37.61 ug/ml



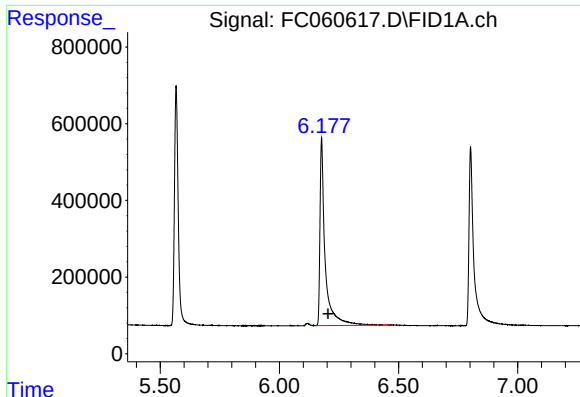
#3 A~Naphthalene (C11.7)

R.T.: 5.154 min
Delta R.T.: -0.023 min
Response: 7211452
Conc: 43.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.567 min
Delta R.T.: -0.008 min
Response: 6824223
Conc: 42.23 ug/ml



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

R.T.: 6.178 min
Delta R.T.: -0.026 min
Response: 7421679
Conc: 43.66 ug/ml

Instrument :

FID_C

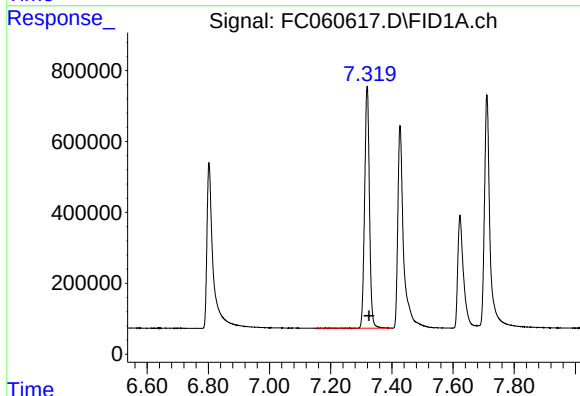
ClientSampleId :

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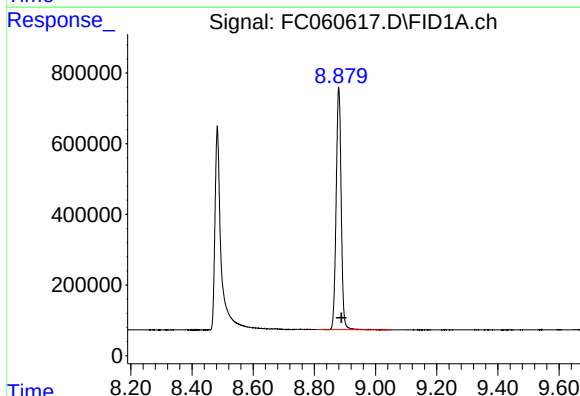
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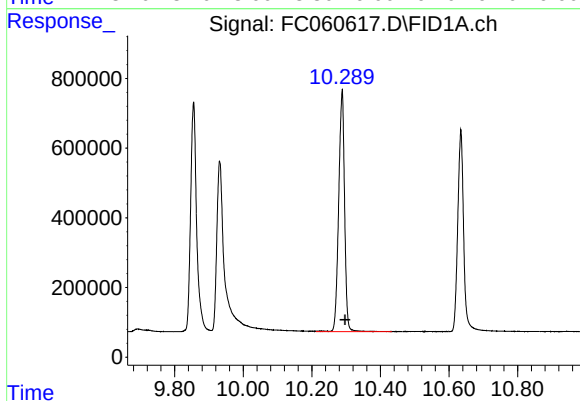
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: -0.006 min
Response: 7464005
Conc: 45.18 ug/ml



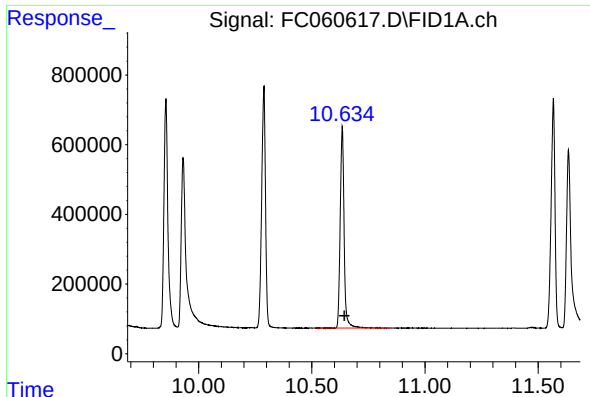
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.009 min
Response: 7830673
Conc: 46.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: -0.009 min
Response: 8235120
Conc: 47.87 ug/ml



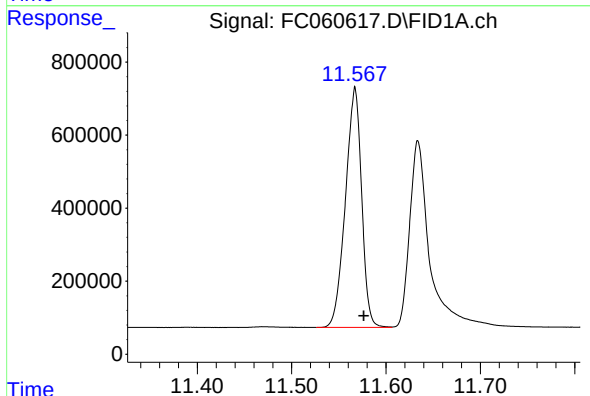
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: -0.011 min
Response: 6948011
Conc: 37.91 ug/ml

Instrument :
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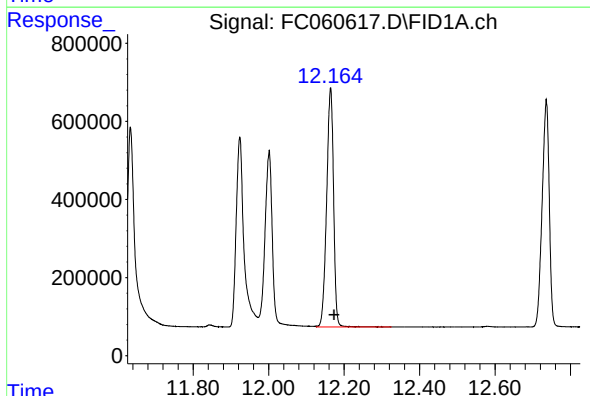
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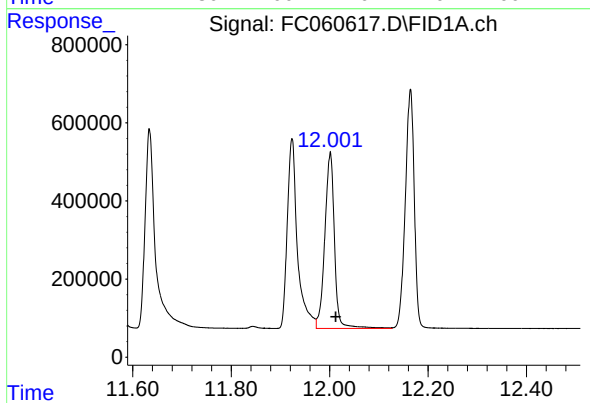
#10 n-Eicosane (C20)

R.T.: 11.566 min
Delta R.T.: -0.010 min
Response: 7844807
Conc: 45.97 ug/ml



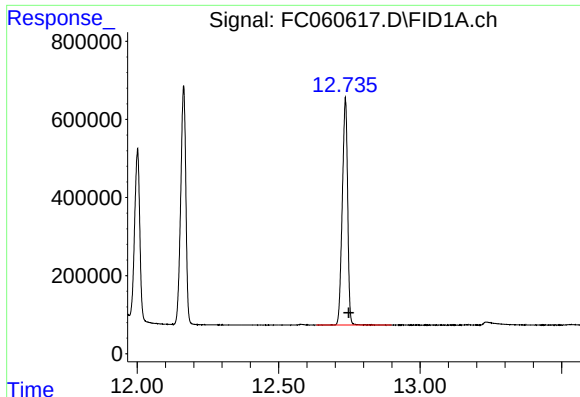
#11 n-Heneicosane (C21)

R.T.: 12.164 min
Delta R.T.: -0.010 min
Response: 7775050
Conc: 45.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.000 min
Delta R.T.: -0.012 min
Response: 6140272
Conc: 41.66 ug/ml



#13 n-Docosane (C22)

R.T.: 12.735 min
Delta R.T.: -0.012 min
Response: 7633068
Conc: 44.78 ug/ml

Instrument :

FID_C

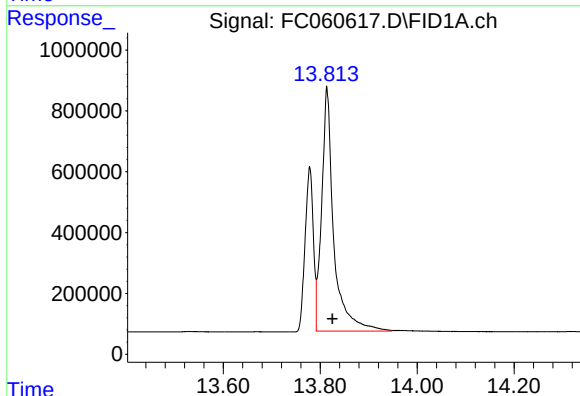
ClientSampleId :

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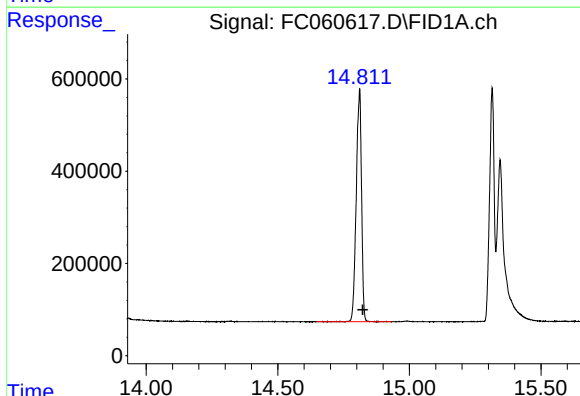
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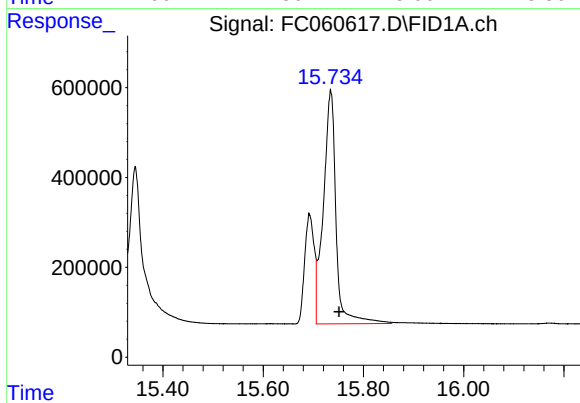
#14 n-Tetracosane (C24)

R.T.: 13.813 min
Delta R.T.: -0.012 min
Response: 13915002
Conc: 82.88 ug/ml m



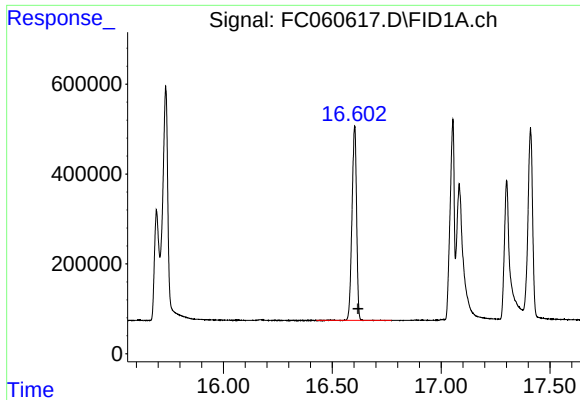
#15 n-Hexacosane (C26)

R.T.: 14.808 min
Delta R.T.: -0.015 min
Response: 7037311
Conc: 42.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.734 min
Delta R.T.: -0.018 min
Response: 9121884
Conc: 57.49 ug/ml m



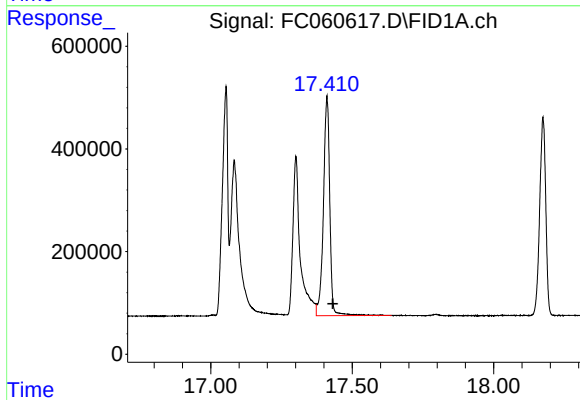
#17 n-Tricontane (C30)

R.T.: 16.601 min
Delta R.T.: -0.018 min
Response: 6351960
Conc: 41.73 ug/ml

Instrument :
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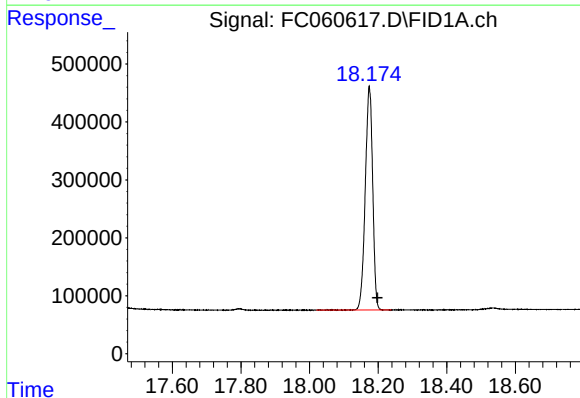
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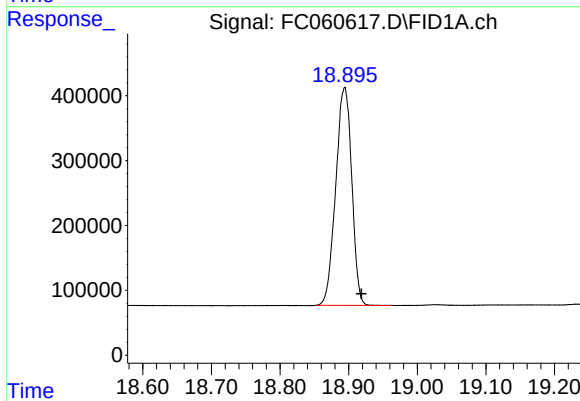
#18 n-Dotriacontane (C32)

R.T.: 17.410 min
Delta R.T.: -0.022 min
Response: 6712211
Conc: 46.17 ug/ml



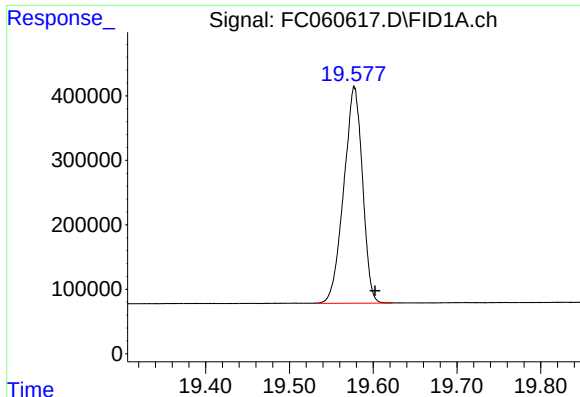
#19 n-Tetratriacontane (C34)

R.T.: 18.173 min
Delta R.T.: -0.024 min
Response: 5770378
Conc: 45.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.893 min
Delta R.T.: -0.025 min
Response: 5449198
Conc: 48.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.577 min
Delta R.T.: -0.025 min
Response: 5206282
Conc: 47.56 ug/ml

Instrument :

FID_C

ClientSampleId :

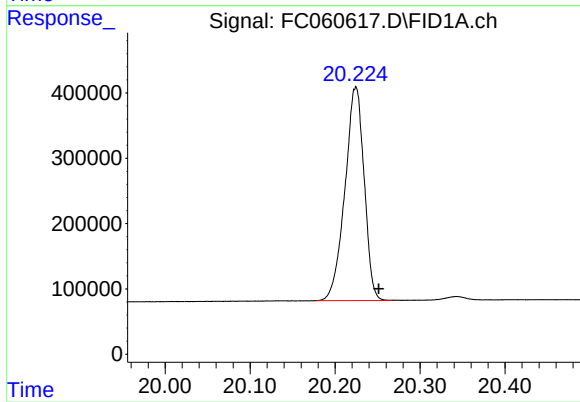
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#22 n-Tetracontane (C40)

R.T.: 20.224 min
Delta R.T.: -0.027 min
Response: 5136815
Conc: 45.48 ug/ml m